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OHIO

UNIVERSITY BULLETIN

SUMMER SESSION

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UNIVERSITY BULLETIN



THE SUMMER SESSIONS

1942

ATHENS, OHIO

THE 1942 SUMMER SESSIONS CALENDAR

THE SUMMER SESSION

Registration—Edwin Watts Chubb Library-----	Monday, June 15
All Classes Begin-----	Tuesday, June 16
Farm Visitors' Day-----	Thursday, 9 a.m., June 18
Last Day for Filing Applications for Graduation-----	Saturday, June 20
Ohio Conference on Reading-----	Tuesday, June 30; Wednesday, July 1
State Department of Education Officials' Conference-----	Wednesday, July 1
Conference: Conservation of Natural Resources-----	Thursday, July 2; Friday, July 3
Ohio Education Association Conference-----	Tuesday, July 7; Wednesday, July 8
History and Government Departments' Conference: The World at War-----	Monday, July 18, through Friday, July 17
Registration—Four-Week Courses (Students not previously registered)— Office of the Registrar-----	Monday a.m., July 13
Masters' Theses Due in University Library-----	Monday, August 3
Final Examinations, All Courses-----	Wednesday p.m., August 5; Thursday, August 6; and Friday, 7 to 9 a.m., August 7
First Summer Session Closes Officially-----	Friday noon, August 7

THE POST SUMMER SESSION

Registration—Post Summer Session—Office of the Registrar-----	
	Friday p.m., August 7; Saturday a.m., August 8; and Monday a.m., August 10
All Classes Begin-----	Monday p.m., August 10
Final Examinations, All Courses-----	Friday p.m., August 28
Post Summer Session Closes Officially-----	Friday, 4 p.m., August 28

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FOREWORD

The "United States at War" provides the only theme necessary for every occupation in our present lives. From seeing the nation's sons join the armed forces to saving essential metals and the limitations on consumption through priorities, the whole tenor of America and the allies is "Prepare!" and the nation answers the call from every rural community, village, and city. The stake in the War is the democratic way of living and we must not fail.

Ohio University is proud to bend its every effort for defense. For more than a year now the university has coordinated its program through the extended Federal Engineering, Science, Management Defense Training Program to reach all available young men who wish the defense training course preparation. Its R. O. T. C. training has now, for almost seven years produced commissioned officers and well-trained non-commissioned officers and privates who have been accepted directly into the combat forces. Special defense training curricula of two-year course length were begun in September, 1941. Courses offered in several departments in the different colleges of the university designed to contribute to civilian morale and to general enlightenment have been added. Throughout there has been an emphasis on flexibility in requirements in order to make it possible for all who wish to do so to contribute their maximum to the war effort as trained personnel and educated leaders.

What more can be done? We must continue intensely all we have undertaken so far; contribute of our time, talent, and money as never before; and we must ever renew our faith through sober hard work in the belief that righteousness will ultimately triumph. A year ago we expressed the hope that more people would register for summer study in our colleges and universities. This year Ohio University has widened its appeal to include the high school graduate of June, 1942. This summer there are being offered beginning courses in English, foreign languages, mathematics, laboratory sciences, and social studies particularly to attract the June high school graduates. "Come into the armed force and subsidiary government agencies trained to give special vital service" is the gist of the plea through the United States Office of Education and from the officials in direct charge of selective service. The young man of 17 or 18 years of age can complete all or much of his preparation before he must serve his country directly.

A university can only set up a satisfactory program of study and preparation. The will to attend must be engendered by means of appeal through printed announcements and through the more subtle means of a conviction that the war military needs, like the peacetime civilian needs, require competent prepared workers.

The Federal Government has asked the colleges and universities directly and by implication to help meet these needs. In addition, it has recognized that educational institutions are the source of that precious force known as "civilian morale."

The university's services and course offerings as announced in the following pages represent its way of participation in the concerted war effort.

E. A. HANSEN, Director
The Summer Sessions

ATTENTION: HIGH SCHOOL GRADUATES

Ohio University is interested in bringing to your attention the fact that its summer session program this year includes those beginning courses which will enable graduates of accredited high schools to begin their university courses in the Summer of 1942. This announcement is particularly of value to those young men of 17 and 18 years of age who could complete their university courses, which usually require four years of residence, in three years and the summer sessions. Qualified students can even reduce this by utilizing the university's course offerings in the post summer session and in the correspondence division. This represents a special opportunity for those men who may be called to service in the armed forces of the United States at 20 or 21 years of age. Washington officials are emphatic in their statement that the army, navy, and air corps need trained men. Specific are their needs for men who have had basic courses in physics, production management, radio engineering, chemistry, and electronics. Elective courses in these fields are open to all qualified students during the Summer Session of 1942.

This summer, first courses in English, foreign languages, laboratory sciences, social sciences, and mathematics will be offered particularly with the high school graduate of 1942 in mind. By the arrangements which usually prevail at the university, beginning students who enter such courses will find themselves in groups of their fellows and not with advanced students or teachers who are returning for professional education. This practice will be an advantage for such beginning students, since an eight-credit-hour load, scheduling courses which meet more often each week under conditions comparable to those prevailing throughout the regular year, will be to the liking of many.

Twelve scholarships with a value of \$20 each are open for the Summer Session of 1942 to qualified students entering the university in June, 1942, for the first time. Applications must be submitted to the dean of men or the dean of women by April 15, 1942.

Attention is called to the newly organized two-year courses which the university is offering particularly in war training but in other fields as well. Students who wish these shortened curricula will be pleased at the variety of those courses described under the title "University College," in the general catalog of the university. Completion of the two years of study in each case leads to the awarding of a certificate at graduation.

All necessary arrangements including answers to specific questions will be cared for promptly through correspondence with E. A. Hansen, Dean, University College, Ohio University, Athens, Ohio.

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*ELIZABETH SIMKINS, A.B., B.S.	<i>Periodical Reference Librarian</i>
JUNE SOUTHWORTH, A.B., B.S.	<i>Assistant Cataloger</i>
BERTHA ELIZABETH BRIDGMAN	<i>Assistant in the Library</i>
CATHERINE NELSON, A.B., B.S.L.S.	<i>Circulation Librarian</i>
CAMILLA MANSON, A.M.	<i>Assistant Reference Librarian</i>
FRANCES AMONETTE BURNETTE, A.B., B.S.L.S.	<i>Visiting Periodical Reference Librarian</i>

HEALTH SERVICE STAFF

*ELLIS HERNDON HUDSON, M.D.	<i>Physician</i>
EMBREE RECTOR ROSE, M.D.	<i>Physician</i>
WILLIAM H. KUPPER, M.D.	<i>Physician</i>
HELEN MOORE, R.N.	<i>Nurse</i>
BERNICE LOUISE SNYDER, R.N.	<i>Night Nurse</i>
JUNE FANNIN, R.N.	<i>Nurse</i>
KATHARINE HUBER, R.N.	<i>Nurse</i>
CORADELL SCINES, R.N.	<i>Nurse</i>
GEORGIANA MONDA	<i>Nurse</i>

*On leave of absence

ADMISSION INFORMATION

All correspondence pertaining to the admission of a student to the summer sessions of the university should be addressed to the Registrar and Director of Admissions, Ohio University, Athens, Ohio. An application blank and all credentials for admission, including a certificate of vaccination, should be presented to the registrar's office not later than one month preceding the opening of the summer session.

FRESHMAN STUDENTS. The university admits without examination all graduates of high schools in Ohio which are on the approved list of the State of Ohio Department of Education. A student who has completed 15 acceptable units with high grades in an accredited high school may be admitted upon the recommendation of the high school principal, even though he has not graduated from high school. A graduate of an out-of-state high school is admitted if the high school from which the student is graduated is on the list of high schools approved by the board of education of that state and if he qualifies for admission to the state university of his own state. A resident of a state which does not support a state university of the same general scope and standards as Ohio University is admitted if he ranks in the upper two thirds of his graduating class.

TRANSFER STUDENTS—GRADUATE AND UNDERGRADUATE. A student who transfers from another college or university with the intention of continuing his work toward a degree offered by Ohio University must present an official transcript which includes a statement of graduation for the graduate student, and for the undergraduate student, a statement of honorable dismissal from the school last attended.

SPECIAL AND TRANSIENT STUDENTS. A student who is a college graduate and wishes to enroll for either undergraduate or graduate work with no intention of taking work leading to another degree, a student enrolled in another college who is taking work at Ohio University for the summer session only, or a student who has not graduated from high school and who is over 21 years old enrolls as a special student in the degree college which offers the majority of the courses desired. Transcripts of records are not necessary. A graduate of a college is required to present a statement of graduation. A transient student must present a statement of good standing from the school last attended.

COLLEGE ABILITY TEST. An undergraduate student entering Ohio University for the first time is required to take the college ability test. A notice giving date, place, and hour of the test is sent to the student with his admission credentials. A student who fails to take the test at the appointed time or who applies for admission too late to take the test at the appointed time is required to take the test at a later date and pay \$1 to cover the expenses incurred.

REGISTRATION

A student is advised, makes out a schedule, and registers in the Edwin Watts Chubb Library at the time indicated on his permit to register. A student who has been accepted for admission receives his permit by mail with other admission material. A former student obtains a permit to register from the registrar's office by request, either in person or by mail. Details concerning the registration procedure are given in the schedule of classes which may be obtained in the registrar's office.

PAYMENT OF REGISTRATION FEES. Registration fees for the summer sessions are payable on the first two days of each session. Students who do not pay registration fees during the designated time are not officially enrolled and are excluded from classes beginning with the third day of the session. Students who register after the scheduled registration days are subject to the late registration fee of \$1 for each day late. The maximum late registration fee is \$5.

WITHDRAWAL. A student may officially withdraw from the university by obtaining a withdrawal order from the dean of the college in which he is enrolled. An official withdrawal is not granted to a student who is financially indebted to the university.

CREDITS AND GRADES

Credit is designated in semester hours. A semester hour is the equivalent of one recitation or two or more laboratory periods a week throughout a semester of 18 weeks, and two recitations or four or more laboratory periods during the summer session of eight weeks.

GRADING SYSTEM. A, very high; B, high; C, average; D, passing; F, failure; I, incomplete; W, withdrawn; WP, withdrawn passing; WF, withdrawn failing. A detailed description of the non-passing grades is given in the general catalog.

POINT SYSTEM. For each semester hour of credit with a grade of A, a student receives four points; B, three points; C, two points; D, one point; I, no points until the final grade is determined; F, and WF, no points. WP does not affect a student's scholastic average.

FINAL EXAMINATIONS. Final examinations begin on Wednesday afternoon of the last week of the summer session. All students are required to take the final examinations according to the posted schedule. Candidates for graduation may have a schedule of examinations which begins during the week preceding the regular examination schedule.

REPORTING OF GRADES. A grade report is mailed immediately after the close of the summer session to each student who leaves a stamped self-addressed envelope at the registrar's office in accordance with instructions issued during the session. If the student desires an official certification of his summer's record, he should place a note requesting the statement in the envelope, or make the request in the registrar's office. A second copy of either the grade report or the official certification costs 25 cents.

PROBATION. The scholastic probation regulations are given in the general catalog.

GENERAL GRADUATION REQUIREMENTS

All general graduation requirements as well as the curricula requirements must be met before a degree is granted. Full information is given in the general catalog.

A candidate for graduation must make application for graduation in the registrar's office not later than the dates given in the university calendar. The diploma fee for a degree is \$5; for a three-year diploma, \$2.50. Application for graduation made after the time designated adds a penalty of \$1. Payment of the diploma fee after the stated dates constitutes late application and the penalty of \$1 is added.

Degrees and diplomas are granted at the commencement held at the close of the first summer session. Attendance at commencement is required.

At the close of the post summer session, degrees and diplomas are mailed to the students at the addresses given on the summer session registration cards, unless a student reports another address to the registrar's office.

CERTIFICATION FOR TEACHING. A student who is planning to enter the teaching profession and who has met the entrance requirements for a degree college should register in the College of Education for the degree of Bachelor of Science in Education with specialization in the desired field. However, under the certification laws of the State of Ohio, a student enrolled in another college in the university may meet the requirements for a teaching certificate by completing the minimum certificate requirements and the requirements for a bachelor's degree. Minimum requirements are given in the general catalog and on the application blank for the certificate.

Application for a teaching certificate in Ohio is made in the office of the registrar at the time of application for graduation. The teaching certificate is issued by the State of Ohio Department of Education and qualifies the student to teach the subjects indicated on the certificate.

Students who are planning to teach in other states should inform themselves concerning the requirements specified by the department of education of the state in which they expect to teach.

FEES AND DEPOSITS

Fees are assessed at registration time and are payable at the treasurer's office on the first two days of each summer session. There is an additional fee for late registration or late payment of fees. Information concerning the date which determines late registration or late payment is indicated in the schedule of classes. The treasurer accepts either cash or a postal money order, an express money order, or an approved personal check written for the exact amount of the obligation.

REGISTRATION FEES

The Summer Session

Full-Time Students:

		*Resident of Ohio	**Non- Resident
Registration Fee—general	-----	\$ 20.00	\$ 32.50
Registration Fee—Athletic, Lecture, and Entertainment	-----	1.50	1.50
Library Fee	-----	1.00	1.00
Health Fee	-----	2.00	2.00
		-----	-----
Total for the summer session	-----	\$ 24.50	\$ 37.00

Part-Time Students (less than five semester hours):

Registration Fee—general			
For the first semester hour	-----	3.00	5.00
For each additional semester hour	-----	3.00	4.50

A. L. E., Library, and Health Fees same as above

(Health fee exempt for music special students and graduate students enrolled for conference courses)

Auditors:

Registration Fee—each semester hour	-----	2.00	2.00
Library Fee	-----	1.00	1.00

The Post Summer Session

Registration Fee—general			
For the first semester hour	-----	5.00	7.00
For each additional semester hour	-----	5.00	6.50
Library Fee	-----	1.00	1.00

Auditors:

Registration Fee	-----	1.00	1.00
Library Fee	-----	1.00	1.00

*A person is entitled to register as a resident of Ohio, who at the time of his first enrollment in the university, has been a resident of the State of Ohio for 12 consecutive months next preceding the date of his original enrollment. No person shall be considered to have gained or lost a residence in the state for the purpose of registering in the university by any conduct of his own while he is a student in the university, unless after attendance at the university for one year it can be clearly established by the student that his previous residence has been abandoned and a new one established in Ohio for purposes other than merely attendance at Ohio University. A person whose legal residence follows that of other persons shall be considered to have gained or lost legal residence in this state for such purpose while a student in the university, according to changes of legal residence of such other persons, except that such legal residence shall not be considered to be so gained until 12 months after such persons become legal residents of this state.

The residence of minors shall follow that of the legal guardian, regardless of emancipation; but in case a resident of Ohio is appointed guardian of a non-resident minor, the legal residence of such minor for the purpose of this rule shall not be considered to be established in the State of Ohio until the expiration of 12 months after such appointment.

**Students coming from states which do not have state universities similar in scope and standards to Ohio University pay a general registration fee of \$45. These states are Massachusetts and New York.

MUSIC FEES

Registration fees for private instruction in music are assessed in addition to the above registration fees. The fees are indicated in the descriptions of the courses.

MISCELLANEOUS FEES

Bureau of Appointments, registration fee	\$1.00
Change of College	1.00
Change Order	1.00
College Ability Test, when not taken at the designated time	1.00
Duplicate Fee Card	.25
Examination for advanced standing, each semester hour	2.00
Grade Report Book (after the first book) maximum	1.00
Grade Report Book Cover (after the first copy)	.25
Grade Report (after one copy)	.25
Graduation—	
Application for degree	5.00
Application for three-year diploma in education	2.50
Re-application for a degree or diploma	1.00
Penalty for late application for degree or diploma	1.00
Excuse from commencement	5.00
Infirmary, hospital service for each day	3.00
Late registration or late payment of fees	1.00
Each additional day late in registration or payment of fees (after date announced)	1.00
Auditors, graduate students taking work on a conference basis, and music specials, for each week late	1.00
Maximum penalty for late registration or late payment of fees	5.00
Speech Test	1.00
Thesis Abstract Printing	2.50
Thesis Binding (each copy)	1.90
Transcript of Record (after the first transcript)	1.00

LABORATORY FEES

Laboratory fees, in general, are assessed at the rate of \$1 for one semester hour of credit. Laboratory fees are indicated in the descriptions of the courses. (See "Courses of Instruction.") Student teaching fees are assessed at the rate of \$2 for each semester hour of credit. These fees are assessed and must be paid at registration time.

Breakage deposit fees are also indicated in the description of the courses. When the fee is paid, a deposit card is issued to the student. This card is deposited by the student with the department and entitles the student to a desk properly supplied with apparatus. Any needed supplies are checked from the card and any unused portion of the fee is returned at the end of the summer session or upon official withdrawal from the course.

REFUND OF FEES

Students inducted into military service through the National Selective Service System, or who enlist, will receive a refund of the general registration fee of \$20 during the eight weeks' summer session, if no academic credit is earned or requested. If, however, a student receives full credit for the work of the session in which he withdraws from the university, no refund of fee will be made.

In case of a student's voluntary and official withdrawal from the university for reasons other than military service, a refund of a part of the fee is made according to the following schedule:

The First Summer Session:

1. Within the first week, 75 per cent refunded.
2. After first week, from second to third weeks inclusive, 50 per cent refunded.
3. After third week, no refund.

The Post Summer Session:

1. Within the first week, 50 per cent refunded.
2. After first week, no refund.

No refund, however, is made until a period of 30 days has elapsed subsequent to the official withdrawal of the student from the university. No refund is made on the athletic, lecture, and entertainment fee of \$1.50. No refund is made to a student who is indebted to the university.

When a student withdraws from a laboratory course by change order, a refund of the laboratory fee is made immediately according to the above schedules. A department may disallow refunds if at the time of withdrawal the materials used by the student are of such a nature that the department can make no use of them for another student.

LIVING ACCOMMODATIONS

RESIDENCE HALLS FOR WOMEN. Howard Hall will be open for the Summer of 1942 to women students. Furnishings of the rooms include bed linens, but the student must furnish bed coverings and all strictly personal articles such as soap, towels, dresser coverings, desk lamps, etc. The rent for double rooms ranges from \$20 to \$24 per person; for single rooms, \$26 to \$30 per person. Board is \$40 for the session. By special arrangement board and room may be paid in two installments. A request for an assignment should be accompanied by a retaining fee of \$5. No refund of the retaining fee will be made unless request is made prior to June 8, 1942. One dollar of the retaining fee is allotted to the dormitory social fund. The balance is applied to the room rent. Students are required to give telephone service of approximately one hour per week. Exemption from this work may be had by paying \$2. Every person living in the dormitory must eat in the dormitory dining room.

Remittance of the retaining fee should be made by money order or check made payable to Students' General Fund, Ohio University. Early applications are recommended and should be made through the office of the dean of women. In case of late registration, a room may be held providing the rent is paid for the entire eight weeks. No room will be held unless it is secured by the \$5 retaining fee. Information about rooms in private homes may be obtained upon personal application to the Supervisor of Off-Campus Housing, Office of the Dean of Women, Ohio University. The office does not send out addresses by mail.

ROOMS AND BOARD FOR MEN. Men students are required to live in approved rooming houses. Rooms in private homes which have been inspected and approved are listed in the office of the dean of men. Rates for rooms in private homes vary as follows: \$1.50 to \$2.50 a week per person for double rooms, and \$2 to \$4 per week for single rooms.

Palmer Hall will be available as a residence for men students during the 1942 Summer Session. Double rooms may be secured for \$1.50 a week per person; single rooms, \$3 per week. Applications for rooms at Palmer Hall should be filed at the office of the dean of men. A request for an assignment must be accompanied by a retaining fee of \$6. No refund of this retaining fee is made unless request for such is presented prior to June 8, 1942.

Board may be secured at restaurants and a few private boarding houses.

FACILITIES FOR INSTRUCTION AND SPECIAL ADVANTAGES

Contrary to the policy of previous years, the 1942 Summer Session will operate on a five-day rather than a six-day basis. There will be no Saturday classes.

The entire university plant is in operation to offer educational opportunities to summer session students. Certain units are described below in order to make clear uses which may be made of them during the summer.

EDWIN WATTS CHUBB LIBRARY. The library is located at the main entrance of the campus. Its architecture is early American to correspond with that of the oldest buildings on the campus.

In this comparatively new building, commodious reading rooms, seminars and work rooms are provided for the convenience of patrons and staff. Seminars and stack carrels are set apart for graduate students. The stacks, consisting of six floors, and periodical and reference rooms will accommodate 250,000 volumes. The library now has 134,000 volumes, and subscribes to 658 periodicals annually.

It is a designated depository of United States documents, and receives as gifts many other scientific publications, such as those from the Carnegie Institution of Washington.

The university library serves the city of Athens. A juvenile room is a unique feature which cares for the public schools, and lends the opportunity to university students to use a well selected collection of juvenile literature and to familiarize themselves with school library administration.

During the summer session, the library is open Monday to Friday from 7:50 a.m. to 9:30 p.m.; Saturday from 7:50 a.m. to 5:00 p.m.

The library is now operating on the closed stack plan. Faculty, graduate students, and seniors are admitted to the stacks by cards. Other students must call for their books at the circulation desk.

UNIVERSITY MUSEUM. The museum is located on the second floor of the Agriculture and Household Arts Building and is open to the public during afternoons.

The collections and exhibits include rocks, minerals, fossils, sands, clays, and clay-products; Indian implements and utensils; stone and metal products of historic interest, war materials; and lamps and other lighting devices of early days. There is a large herbarium of local plants. Animal exhibits such as mounted birds, snakes, sponges, starfish, and various other specimens are on display. The mollusca collection ranks among the very best shown in American museums.

Probably the fluorescent room affords the most interesting of the displays and one least known to museum visitors in general anywhere. Here

under ultra violet light common dull objects fluoresce in an appealing glow of amazing colors.

Teachers are invited to make use of the museum. An attendant will be on duty during each afternoon of the first session.

BUREAU OF APPOINTMENTS. The Bureau of Appointments is a service office maintained by Ohio University for the purpose of assisting graduates in securing employment. Its services are available to those interested in advancement to more desirable positions as well as to those who are seeking initial placement. The bureau maintains all possible contacts in business, professional, and educational fields. Pertinent data on each graduate is assembled and made available to prospective employers.

A student should register early in his senior year; if completing a three-year diploma course, in his third year. A delay in registering may materially increase the problem of securing valuable information. The cost of registration, covering all services, is \$1.

A file of vocational information is maintained for the benefit of students desiring knowledge of the opportunities in the various fields of employment. Freshmen or sophomores who are undecided as to their future work are encouraged to use this material as an aid in reaching a decision. ~

AVIATION TRAINING. Ohio University has cooperated with the Civil Aeronautics Administration and has offered training under the Civil Pilot Training Program. Because of the rapid changes in the quotas assigned to different regions, it is only practical to state that this type of training will be offered whenever quotas are obtainable.

The Civil Pilot Training Programs consist of a ground school conducted at the university and a flight school conducted at the airport two and one-half miles from the campus. Trainees are insured against accidents, are transported to and from the field by taxicab, and are carefully instructed. Equipment is maintained in excellent mechanical condition at the airport.

Programs have consisted of a private course, a secondary course, an instructor trainer course, and a cross-country course. All courses have specific requirements for admission and all require a course fee that is maintained at a minimum figure. Interested students should inquire of the Coordinator, Civil Pilot Training Program, Ohio University, Athens, Ohio, to determine available courses and requirements for admission. As other programs become available to the university, these will be publicized in the *Ohio University Post* and in the local newspapers.

SPECIAL SHORT COURSES

ANNOUNCEMENT FOR DEANS OF WOMEN AND ADVISERS OF GIRLS. The 1942 Summer Session will offer a short, non-fee, non-credit course to deans of women and advisers of girls. The course, June 22-July 4, will be built around the needs and problems of counselors and advisers of women and girls and will strive to help those seeking to know more about the field of personnel before making a final decision to enter it. The course will consist of seminars, lectures, roundtables, conferences, and social hours. Four hours daily will

be spent in organized class procedure. Minor research will be carried on in closely related fields of interest. In so far as time permits a survey will be made of literature and studies in the field of personnel. Trips to points of historical and geographical interest in southeastern Ohio will be made. The course will be under the direction of Dean Irma E. Voigt. Professors from the fields of philosophy, religion, education, psychology, sociology, and science will lecture and conduct discussions.

Much pleasure and value will be derived from the housing arrangement by which the group will live together as a unit in the Alpha Xi Delta sorority home with Mrs. Mary Jane Hitchcock as hostess. The group will be served in Howard Hall dining room one-half block away. The fee for room will be \$8, for board \$10, and for incidental expenses, including a mimeographed report of the course, \$5. Each person will be expected to furnish her own bed linen, bed covering, and towels. The course will be limited to 25 members.

All inquiries should be addressed to the Office of the Dean of Women, Ohio University, Athens, Ohio.

ATHLETIC COACHING. Coaching courses in football and basketball will be offered during the afternoons of the first four weeks of the summer session. The regular coaches of the university will be available for instruction. Persons interested should turn to the sections on "Physical Welfare" and "Education" for complete descriptions and registration information.

CONFERENCES AND SPECIAL EVENTS

FARM VISITORS' DAY—JUNE 18. The agriculture department of Ohio University will sponsor a "Visitors' Day" at the University Farm adjoining Hebbardsville, nine miles southwest of Athens on U. S. Route 50, on Thursday, June 18, at 9 a.m., weather and crop conditions permitting. The various crops growing on the farm and the dairy cattle, beef cattle, poultry, horse, and swine enterprises will be inspected. Practical methods of crop and livestock production in use on the farm will be discussed with those who attend.

OHIO CONFERENCE ON READING—JUNE 30—JULY 1. The State Committee on Reading, representing the five state universities in Ohio, is continuing the cooperative plan for reading conferences. Each university, however, will develop local plans in keeping with the problems, needs, and resources of the region it represents.

The theme of the conference sponsored by Ohio University, through its departments of psychology and sociology, together with the College of Education, is "Our Children in a Democracy at War."

The two-day program, to be held on June 30 and July 1, will bring together in a workshop-like atmosphere parents, social workers, teachers, doctors, psychologists, and nutrition and health workers to consider problems which concern the present well-being of our children in a war emergency. Leaders from state and federal agencies will take an active part in the conference. The committee is attempting to secure the services of Dr. Emilio Mira, recognized international authority in counseling, mental hygiene, and psychology.

Questions on the conference should be addressed to the Committee for Conference on Our Children in a Democracy at War, Ohio University, Exchange Box 87, Athens, Ohio. Visitors will pay a fee of \$1 for registration. There will be no fee for students enrolled in the summer session.

Students will be encouraged to participate in the major conference. The University Elementary School, however, will function as a laboratory center during the entire summer session, and the Reading Committee will assist with questions and problems on reading.

STATE DEPARTMENT OF EDUCATION OFFICIALS' CONFERENCE—JULY 1. The officials of the State of Ohio Department of Education will hold the usual annual educational conference throughout the day on Wednesday, July 1. The university offers its facilities each year to the department for the benefit of students, public school administrative officers, summer session teachers, and school board members in the 11 counties of southeastern Ohio.

The purpose is to make the chief officials representing the several divisions of the department available for consultation in one central meeting place in this area. Group discussions on specific subjects including educational finance, instruction, transportation, and certification are to be led by the director of education and his aides. In addition, the officers will be available for consultation with individual persons or local groups during both the morning and afternoon hours.

Again this year the conference groups will hold an informal luncheon meeting open to all in attendance. This meeting has contributed much toward a better acquaintance with the officers and an increased understanding of the state department's broad educational program.

As usual the conference will hold all its meetings in the seminar rooms in the Edwin Watts Chubb Library from nine o'clock in the morning until three o'clock in the afternoon.

CONFERENCE ON CONSERVATION OF NATURAL RESOURCES—JULY 2-3. A two-day conference on the "Conservation of Natural Resources" and teaching problems in conservation will be a feature of the Summer Session of 1942. The department of geography and geology will sponsor the conference which will be in charge of Mr. O. L. Fink of the State of Ohio Department of Education, Conservation Division.

The conference will consist of lectures, demonstrations, and moving pictures. It will end with a field trip to Lake Hope, near Zaleski. The conference should be of great interest and value to students and teachers of botany, biology, zoology, agriculture, and geography, and to county agricultural agents.

OHIO EDUCATION ASSOCIATION—JULY 7-8. Representatives of the Ohio Education Association will be on the campus July 7-8 for informal discussions and conferences. Dr. Karl H. Berns and Mr. B. A. Stevens will represent the association.

HISTORY AND GOVERNMENT DEPARTMENTS' CONFERENCE—JULY 13-17. For the students in the summer session and those in the community who may be

interested, there will be the opportunity to participate in the third annual conference arranged by the departments of history and government. The conference will open on Monday, July 13, and continue through Friday, July 17. As in former years, participants in the conference will include noted visiting lecturers, members of the departments, and others from the summer faculty. Each year it is the purpose of the conference to present a survey of world affairs. The general subject this year is "The World at War." Specialists in the several fields are scheduled to discuss such subjects as "Pan American Solidarity," "Japan's New Order for Asia," "World Leadership of the United States," and other related subjects.

WORKSHOP IN ELEMENTARY EDUCATION INCLUDING PROGRESSIVE EDUCATION. Teachers who wish to work upon problems arising in their own school situations will have an opportunity to do so. Particular attention will be given the administrative and supervisory problems within a particular school, township, county, or region. A staff of specialists will work in close co-operation with individuals and groups in their study of significant problems such as nutrition, school gardens, elementary science, and community co-operation. Group discussions, excursions, reports, creative work, and occasional opportunities for dining together will be arranged.

Interested persons should submit personal or group applications immediately. With permission, the "Workshop" may be substituted for certain required courses. For a further discussion of the course, see "Education" under "Courses of Instruction." For reservations, address the Dean of the College of Education, Ohio University, Athens, Ohio.

INDUSTRIAL ARTS LUNCHEON FORUMS. Weekly luncheon meetings during the summer session again will be sponsored by Epsilon Pi Tau, the professional industrial arts fraternity. Plans for each meeting are varied to include the discussion of some significant problem arising from the relationship of industrial arts in education or the demonstration of new technical developments in materials and processes.

Administrators, supervisors, teachers, and others interested in industrial arts are cordially invited to attend and to participate in the discussions.

The first meeting will be held at Howard Hall, June 17, at 12:45 p. m. Reservations should be made with the officers of the fraternity or members of the department by noon, June 16.

GEOGRAPHY FIELD TRIP. Students who register for Geog. 214—Field Geography during the Post Session will visit the Ozarks, Colorado, Yellowstone and Glacier National Parks, the Black Hills, and the Bad Lands on an 18 to 20-day trip at an estimated cost of from \$100 to \$125, including meals, lodging, and transportation. For further details see the course description.

RECREATION AND ENTERTAINMENT. During the coming summer session many interesting recreational and social activities are being arranged by departments of the university.

The Division of Physical Welfare offers an interesting program for both men and women. Every Friday night a free dance is held at the Men's

Gymnasium, which is open to all students attending the summer session. Every Wednesday evening there will be square dancing and recreational activities at the Women's Gymnasium. The swimming pool will be open several afternoons each week for the women. There will also be recreational activities carried on under the supervision of the Women's Athletic Association. This program will consist of hikes, cook-out projects, trips to several points of interest, and use of the association's log cabin.

SUMMER MUSIC ORGANIZATIONS. The director of the University Choir is to organize a similar music group to be known as the Summer Session Chorus among the summer session students and faculty. Credit is given for participation in this organization if desired. The personnel of the group is limited to those who can meet the necessary requirements. Those interested should consult the director of the School of Music.

UNIVERSITY HEALTH SERVICE. The Health Service operates an outpatient clinic during the day, with entrance at the main door of the Agriculture and Household Arts Building. At other times an emergency service is maintained with entrance at the rear of the same building.

The health fee of \$2, paid by each student in the summer session, entitles him upon his own request to a physical examination, as well as medical care of minor illness. Certain laboratory tests are made without charge. X-ray examinations, vaccinations, and injections are furnished at cost of materials. In case of major illness, students are admitted to the Infirmary at the discretion of the university physicians. The daily rate, which includes medical supervision, is \$2, and a portion of this charge is rebated to students residing in university dormitories.

The university physicians are not available for medical calls outside the Health Service, except for diagnosis where a contagious disease is suspected. Private physicians in the community will make house calls at the request and at the expense of students desiring such service; on the same terms, local surgeons are qualified to care for students requiring major surgical operations, at Sheltering Arms Hospital in Athens.

LABORATORY SCHOOLS. The university maintains school laboratory facilities at the University Elementary School in Rufus Putnam Hall, in the public elementary and high schools at The Plains, and at the Senior High School in Athens. In addition to offering practice work required for teaching certification, opportunities are available for observation in typical classroom situations, for gathering data in research problems, and for the testing of children.

The children of students are welcome to attend the schools throughout the entire first summer session. There is no tuition charge.

NOTE: The university wishes to announce the probable discontinuance of all summer session course offerings in student teaching and observation on the secondary school level at the end of the first summer session, 1942. Students who must register for Education 180, 181, 182, or 183 to satisfy requirements for degrees or certification to teach, and who had planned to

register for them in the summer session, should avail themselves of the student teaching and observation facilities in the Summer of 1942.

The university now reserves the right to discontinue these facilities without further notice.

This announcement has no reference to the elementary school teaching facilities maintained by the university in the summer sessions.

UNIVERSITY ORGANIZATION

Ohio University comprises the University College, the College of Arts and Sciences, the College of Education, the College of Commerce, the College of Applied Science, the College of Fine Arts, the Graduate College, the Division of Physical Welfare, the Division of Military Science and Tactics, the University Extension Division, and the Summer Sessions. The University College was established as an aid to freshmen in making the difficult adjustment from high school to college.

The work of the academic year is on a two-semester and two-summer-sessions plan. The student who enters the university from high school is registered in the University College for the period usually called the Freshman year. This year, together with the three years required in the degree granting colleges, enables him to complete the requirements for the baccalaureate degree.

THE UNIVERSITY COLLEGE

The University College is organized primarily for students matriculating as freshmen at Ohio University. It was established with a view toward helping the beginning student make his adjustments to university life and study more easily and effectively.

The University College program continues the general education in certain important areas which the student began in high school. In addition, the freshmen students register for limited courses in professional fields of their choice during the first year. This plan offers a fundamental preparation as well as guidance for a better selection of those areas and fields of study which the student expects to follow in the three succeeding years at the university.

Ohio University emphasizes one important feature which has characterized similar administrative divisions set up for first-year students in other universities. This is the arrangement for faculty counselors whereby every beginning student receives the personal advise and friendly counsel of a member of the faculty. The counseling program is of paramount importance to the successful achievement of the objectives of the college. The individual attention which the freshman student thus receives has been attested to by the entering student, his parents, and high school officials alike. This close relationship in which faculty and students work together makes possible regular counseling at Ohio University.

The education and preparation in the four years in the secondary school and the one year in the University College are regarded as a five-year unit. The scholastic objective is to insure that in this five-year period every student shall have experienced a minimum foundation of basic general education.

The requirements of this basic program for the four years in the secondary school and the one year in the college are as follows:

- Five years of English
- Three years of laboratory sciences
- Three years of social sciences
- Two years of mathematics
- Two years of foreign languages

The student's program in the University College depends upon the studies he has pursued in the secondary school. He registers in his first year for those courses which he has not completed according to the requirements indicated above. In this connection, one year of mathematics, one year of foreign language, and one year of laboratory science in the college are regarded as the equivalent of two years in the secondary school. Credit is not given for less than one year in the college in a foreign language and in a laboratory science.

The one year in the University College and three years in one of the degree-granting colleges of the university constitute the four years normally required for the baccalaureate degree.

THE COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences aims to give the student a liberal education and at the same time to assist him in finding his vocational interest and aptitude. The student who has definitely decided upon his future career is encouraged to use his junior and senior years in preparing for a particular profession or vocation. To assist the student in realizing this two-fold objective, the College of Arts and Sciences provides a wide range of courses in English, foreign languages and literature, in mathematics, psychology, and philosophy, and in the biological, physical, and social sciences. While meeting the requirements for a degree in these fields, a student may elect to complete a major or minor in journalism, music, or painting, or take professional courses in the other colleges. Students from the other colleges are admitted to its courses on the same basis as are students registered in the College of Arts and Sciences.

A student registered in the College of Arts and Sciences may work for the degree of Bachelor of Arts or the degree of Bachelor of Science. In either case he has a considerable choice of subjects and a wide range of electives. In general, the distinction between the curricula for the two degrees lies in the fact that, in completing the requirements for the degree of Bachelor of Arts, the student is free to choose a major or minor from English, a foreign language and literature, one of the fine arts, a natural science, a social science, or mathematics, while the student who qualifies for the degree of Bachelor of Science is expected to complete 54 hours in the natural sciences and mathematics. Special curricula are provided for premedical, predental, nursing, and medical technology students, as well as for students preparing

to enter industrial chemistry, government conservation work, and social service as a profession.

Candidates for these degrees, who entered the university before September 1, 1940, will complete a minimum of 124 semester hours and 248 scholastic points; those who entered after September 1, 1940, a minimum of 124 semester hours with a point-hour ratio of 2.000 in all hours attempted. The total hours include the requirements of the University College, four semester hours of physical welfare or military science, and three years of work comprising approximately 94 semester hours approved by the dean of the College of Arts and Sciences.

THE COLLEGE OF EDUCATION

The College of Education is devoted to the education of men and women who intend to enter the fields of teaching and educational administration. Its aim is a fully rounded preparation for the profession of teaching, and its curricula are intended to prepare students for teaching in the elementary schools, high schools, and colleges, and for the positions of school administrators, supervisors, and supervising critics. Its program of academic and professional study including laboratory practice is built about a fundamental belief in standards of the type designed to prepare teachers who will have adequate knowledge of their special fields, who will understand professional theory and how to apply it, and who will have attained a degree of skill which will enable them to go into the profession under circumstances favorable to immediate success, even as beginning teachers.

The degree of Bachelor of Science in Education is granted upon completion of curricula covering a course of four years with specialization in elementary education, in any of the academic fields for teaching in high schools, or in the special subjects of art, industrial arts, home economics, physical welfare, commerce, or music. Candidates for the degree, who entered the university before September 1, 1940, will complete a minimum of 124 semester hours and 248 scholastic points; those who entered after September 1, 1940, a minimum of 124 semester hours with a point-hour ratio of 2.000 in all hours attempted. The total hours include the requirements of the University College, four semester hours of physical welfare (or two hours of physical welfare and the requirements in military science), and three years of work under the direction of the College of Education which comprise approximately 94 semester hours.

Candidates for the degree of Bachelor of Science in Education must complete certain general requirements and other specialization requirements called majors. Subjects completed in the University College (freshman year) may in part satisfy general requirements and the requirements in the major. In addition to the major, the student is required to complete at least one minor and, if possible, two, with 15 to 24 semester hours. All specified requirements of the State of Ohio Department of Education must be met in the majors and minors.

During the war emergency period, the College of Education will continue to offer three-year diploma courses for those who wish to become kinder-

garten-primary or intermediate grade teachers. These three-year courses require 90 hours and 180 points for the diploma including the completion of specified courses. The appropriate four-year provisional certificate will be issued upon completion of the studies required for the three-year diploma. See the annual catalog for the outline of these courses.

THE COLLEGE OF COMMERCE

The College of Commerce offers curricula leading to the degrees of Bachelor of Science in Commerce, Bachelor of Science in Secretarial Studies, and Bachelor of Science in Journalism.

The flexibility of the curricula leading to the degree of Bachelor of Science in Commerce permits emphasis in one or more of several fields. These fields include accounting, advertising, banking, business law, economics, finance, labor, management, marketing, public utilities, taxation, and statistics.

Considerable flexibility is present also in the curricula leading to the degree of Bachelor of Science in Secretarial Studies. Its main purpose, however, is to prepare secretaries for responsible positions in business offices, other types of offices, and the civil service.

The School of Journalism offers curricula sequences which permit specialization in four fields or divisions of journalism: general writing and editing, feature and magazine writing, advertising, and business management. The courses within these curricula may be varied to meet the needs of students who have special interests which they would like to pursue.

All candidates for degrees in the College of Commerce who entered the University before September 1, 1940, will complete a minimum of 124 semester hours and 248 scholastic points; those who entered after September 1, 1940, a minimum of 124 semester hours with a point-hour ratio of 2.000 in all hours attempted. The total hours include the requirements of the University College, four semester hours of physical welfare or military science, and three years of work under the direction of the College of Commerce which comprise approximately 94 semester hours.

COMMERCIAL TEACHER TRAINING. The College of Commerce cooperates with the College of Education in offering to students in the latter college teaching majors in the following: bookkeeping-social business, business education, economics, salesmanship-merchandising, and stenography-typing. These majors satisfy the requirements of the revised regulations for state certification in business education.

SPECIAL INTENSIVE PROGRAMS IN SECRETARIAL STUDIES. In addition to its regular program, the secretarial studies department is offering during the 1942 Summer Session intensive programs of study in typewriting and shorthand. The instruction is arranged to meet the needs of four classes of students: (1) those students with no previous training in typewriting and shorthand who wish to attain in the shortest possible time the minimum equipment to enable them to secure initial positions in the secretarial field,

(2) those students who have had some previous secretarial training or experience but who feel the need to renew their skills in order to obtain employment or advancement to higher positions, (3) those students who wish to work toward a minor in commercial subjects in order to be qualified as teachers of commercial subjects, (4) those students who have been graduated from college but who wish to secure technical equipment that will make their education of utilitarian value, give them a wider range of occupations from which to choose, or serve as an avenue of approach to some goal in a particular field such as art, journalism, or editorial work. Students who wish to take this course may secure special permission to carry nine credit hours of work.

THE COLLEGE OF APPLIED SCIENCE

The College of Applied Science is composed of the departments of agriculture, civil engineering, electrical engineering, and industrial arts, and the School of Home Economics, and offers the following degrees: Bachelor of Science in Agriculture, Bachelor of Science in Architectural Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Industrial Engineering, and Bachelor of Science in Home Economics. Each degree offers several options leading to a certain amount of specialization for students electing a more definite course of study.

Candidates for degrees in engineering who entered the university before September 1, 1940, will complete a minimum of 140 semester hours and 280 scholastic points; those who entered after September 1, 1940, a minimum of 140 semester hours with a point-hour ratio of 2.000 in all hours attempted. Candidates for degrees in home economics and agriculture, who entered prior to September 1, 1940, will meet the minimum requirements of 124 hours and 248 points, while those who entered after September 1, 1940, must complete a minimum of 124 hours with a point-hour ratio of 2.000 in all hours attempted.

The curricula in home economics are planned to equip students (1) for the efficient and successful participation in and administration of homes, (2) as home economists in social welfare agencies, (3) as dietitians, and (4) for various positions in the field of business.

The departments of agriculture and industrial arts offer courses which may be elected to complete majors or minors by students seeking degrees in other colleges. All courses offered in the College of Applied Science are open to students in the other colleges who have the required prerequisites.

For the baccalaureate degree, high specialization has been found undesirable because the student's opportunities for employment are reduced. The emphasis on fundamentals contained in the prescribed curricula, however, enable the student to find employment in many diversified industries and in many capacities.

THE COLLEGE OF FINE ARTS

Composed of three schools, the School of Music, the School of Painting and Allied Arts, and the School of Dramatic Art, the College of Fine Arts is designed to offer the student a liberal cultural education in the fine arts and a thorough preparation in one of the three specialized fields. The Bachelor of Fine Arts degree with emphasis in one of the three divisions is awarded to students who successfully complete the prescribed curriculum.

For the degree of Bachelor of Fine Arts, a minimum of 32 semester hours for a major in (a) music, (b) painting and allied arts, or (c) dramatic art, and a minor of from 12 to 16 semester hours in each of the other fields are required. Additional courses may be added to the major or minors to complete the minimum requirements for a teaching certificate.

Candidates for the degree who entered the university before September 1, 1940, are required to have 124 semester hours and 248 scholastic points; candidates who entered after September 1, 1940, are required to complete the general graduation requirements which include a minimum of 124 semester hours with a point-hour ratio of 2.000 in all hours attempted. These requirements include the program of the University College, and four semester hours of physical welfare or military science.

THE GRADUATE COLLEGE

The Graduate College offers facilities for advanced study and research at the graduate level to teachers and others interested in graduate work. A wide range of courses in academic and professional fields is made available through the various divisions of the university. The college confers the degrees of Master of Arts, Master of Science, Master of Education, and Master of Fine Arts.

ADMISSION. Students who hold a bachelor's degree from an accredited college or university are eligible for admission to the Graduate College. Applicants for admission from some unaccredited institutions are admitted conditionally. An admission blank may be obtained from the office of the registrar. Application for admission should be filed with the registrar at least a month before the opening of the session in which the applicant plans to begin his studies, and should be accompanied by an official transcript of the applicant's undergraduate record, except in the case of graduates of Ohio University. Upon being admitted to the Graduate College a student confers with the dean of the Graduate College who counsels with him regarding his plans for graduate study and arranges for faculty advisers in the major and minor fields.

The student's outline of graduate study is made by the advisers in conference with him. A student may be registered in the Graduate College without becoming a candidate for a graduate degree. Therefore, admission to the Graduate College does not of itself constitute admission to candidacy for a degree.

A student who is admitted to the Graduate College and who pursues

courses with no regard to a major or a minor and with no thought of qualifying for a master's degree will be classified as a special student.

CREDIT AND RESIDENCE. At least 32 semester hours of credit are required for the master's degree. Transfer students are required to complete at least 24 semester hours of credit at Ohio University. Courses taken by correspondence will not be accepted for credit toward the master's degree. However, a maximum of six semester hours taken in group extension will be accepted toward the master's degree, provided that these courses are conducted by instructors who regularly teach them when offered on the campus, and provided further that not more than two semester hours of transfer credit are submitted for the degree. A graduate student who is employed on full time is limited to three semester hours in a semester or a summer session.

All work submitted for graduate credit shall be of high quality. The minimum standard acceptable is a point-hour ratio of 3.000 in all courses attempted for graduate credit, with no grade below C, and not more than 20 per cent of the work accepted with a grade of C.

After securing a bachelor's degree, an adequately prepared student may be able to complete the work for the master's degree in one academic year of two semesters, in four eight-week summer sessions, or in a minimum of three eight-week summer sessions and two post summer sessions. The minimum residence requirement is 30 weeks. Transfer students are required to have a minimum residence at Ohio University of one semester and one eight-week summer session, or three eight-week summer sessions, or at least 24 weeks, provided the other requirements for the degree are satisfied. The maximum time allowed between the date when a student is admitted to the Graduate College and begins graduate study and the date when the requirements for the degree are completed is six years. Students who do not complete their requirements for the degree within the six-year period are obliged to have their graduate outlines reviewed and revised in the light of current catalog requirements. Credit is not allowed for a graduate course unless all the work of the course, including the final examination, is completed and the final grade reported to the office of the registrar within one year after the official ending of the course.

COURSES FOR GRADUATE CREDIT. Credit toward a graduate degree will be given for the completion of courses designed for graduate students (numbered 301-399) and courses designed for advanced undergraduates and graduates (numbered 201-299), provided that the courses have the approval of the advisers and the dean, as a part of the student's outline of study. Since graduate work implies advanced study and specialization, a minimum of 18 semester hours of undergraduate credit is presupposed before a student can pursue his major subject for graduate credit. From six to twelve semester hours in undergraduate preparation are usually sufficient to begin graduate work with a minor in a subject.

FEES. The fees for graduate students are the same as those for undergraduates. Refer to the preceding sections under "Fees and Deposits" for a full statement of fees.

PROGRAM OF STUDY. The student's program of study is divided between

subjects in the major field and subjects in the minor field, unless a program otherwise arranged is approved by the Graduate Council. The program in the major field varies from 12 to 20 semester hours, exclusive of the thesis, for which from four to eight semester hours are allowed. The minor field in such cases makes up the remainder of the 32 semester hours required for the degree, and is selected from one or two departments closely related to the major field. However, all of the work for the master's degree may be done in one school or department on recommendation of the major adviser and with the approval of the Graduate Council.

ADMISSION TO CANDIDACY. In order to be admitted to candidacy for the master's degree, it is necessary that a student show his ability and fitness to pursue graduate work in his chosen field. This may be done by completing a part of the program of graduate study as outlined with satisfactory grades. The further conditions of admission to candidacy are that the outline of graduate study and a thesis subject, acceptable to the major adviser, shall have been submitted to the dean and approved by the Graduate Council. Application for admission to candidacy should be made on a form obtainable at the office of the dean, and on a date not less than four months (two months in the summer session) before the degree is to be conferred.

THESIS AND EXAMINATION. As partial fulfillment of the requirements for the master's degree, each candidate prepares a thesis under the direction of his major adviser on a subject approved by him and the Graduate Council. Credit on the thesis varies within a range of four to eight semester hours, the exact amount being determined by the major adviser. Furthermore, the candidate shall pass creditably an oral examination on a thesis approved by the major adviser and on the course work in his major and minor fields. The oral examination, approximately two hours in length, is conducted by a committee appointed by the dean, consisting of a representative of the Graduate Council and members of the staffs of the schools, departments, or divisions in which the candidate has done his work.

The student who wishes to do so may take a comprehensive written examination of approximately six hours on course work and be excused from any questions on course work in the oral examination, provided he notifies his major adviser and the dean that he prefers this option not later than one month before the degree is conferred. If this option is chosen, the written examination is conducted by a committee of not fewer than three instructors, appointed by the dean of the Graduate College, and selected so as to include the director of the school or the chairman of the department in which the student is doing his major work.

The candidate prepares his thesis under the direction of his major adviser on a subject in the field of his major work. The thesis provides an opportunity for the student to formulate and express results of his research and study. For students who desire to avail themselves of the instruction, a course in thesis writing is offered by the department of English. The thesis may vary in character from an extended essay, representing critical reading, independent study, and the assimilation and interpretation of a considerable body of facts, to an account, sometimes more brief, describing a research project which makes some contribution to knowledge. With the approval

of the Graduate Council, the thesis requirement may be met by the presentation of the results of creative research or activity together with a written essay indicating the purpose, procedure, bibliography, and problems involved in the work. A format which gives directions for writing the thesis may be obtained in the office of the dean of the Graduate College.

After the thesis is approved, and not later than five days before the degree is conferred, the candidate files two unbound copies of the thesis with the university librarian, and one bound copy of the thesis with the dean of the Graduate College. The two copies filed with the university librarian are bound and retained in the university library, and the copy filed with the dean is presented to the school or department in which the work has been done.

GRADUATE FELLOWSHIPS AND ASSISTANTSHIPS

Ohio University usually requires the services of 25 to 35 graduate teaching fellows and graduate assistants. Fellows and graduate assistants are selected on a basis of merit from students who have received the baccalaureate degree from approved institutions and who wish to pursue work leading to the master's degree.

A fellowship carries an annual stipend of \$300 with waiver of the general registration fee. There is no tuition fee. A graduate assistantship carries a stipend of \$300 with no waiver of general registration fee. A teaching fellow is required to give one half of his time to teaching or laboratory supervision, or both, in the department of his major field, and is expected to carry one half of the normal load of graduate work. The graduate assistant is required to give 20 to 24 hours of service weekly to the department of his major field and is permitted to carry eight to ten hours of graduate work.

Graduate teaching fellowships and graduate assistantships are usually available to qualified students in the following fields: botany, chemistry, commerce, dramatic art and speech, education, electrical engineering, English, history, home economics, industrial arts, mathematics, painting and allied arts, personnel divisions of the office of the dean of men and the office of the dean of women, physical welfare, physics, psychology, Romance languages, and zoology.

Application for a graduate teaching fellowship or a graduate assistantship must be filed with the dean of the Graduate College by March 1 of the academic year next preceding the year when the appointment begins. Application blanks may be obtained from the office of the dean of the Graduate College.

SPECIAL APPOINTMENTS IN PERSONNEL WORK. Two to five positions are open annually for graduate student deans in the office of the dean of women and two positions for graduate assistants in the office of the dean of men. The appointees receive a stipend of \$300 each for the academic year with waiver of the general registration fee, and are expected to give one half of their time assisting the dean of women or the dean of men. These appointees are expected to pursue graduate study in personnel work. Application may be made directly to the dean of women or dean of men not later than March 1.

Eight graduate counselors are appointed each year to assist in the administration of the men's dormitories. Appointees may pursue graduate study in personnel work or in other subject-matter fields. These appointees receive a stipend equivalent to the cost of room. Application may be made directly to the dean of men.

GRADUATE STUDENT DIETITIAN. One appointment as graduate student dietitian is open to a woman college graduate who has majored in home economics. This position is intended primarily for a person interested in institutional management, but such an assistant may major in any field. The stipend consists of board, room, and \$385, with exemption from the general registration fee. The student is expected to give about six hours of service daily and to carry one half of the normal load of graduate work. Application may be made to the director of dining halls by March 1.

Fellowships and other appointments are awarded about March 15.

THE DIVISION OF PHYSICAL WELFARE

The Division of Physical Welfare offers a program for graduate and undergraduate students who wish to major or minor in physical education, health and recreation. Students are trained to teach or supervise in the following fields: elementary and secondary schools, colleges, state departments of education, city, rural, and industrial recreation, summer camps and playgrounds. All of the facilities of the division are available for both men and women.

The division maintains two gymnasiums, one for men and the other for women, and offers facilities for expression in sports and hobby classes, rhythgmics, and swimming. Tennis courts and athletic fields are available for summer school students. Each afternoon, except Saturday, the division offers a recreational hobby project designed to meet the interests and needs of students. Instruction is given to volunteer groups in the activities desired. Instruction is also given in social and square dancing. Students interested in these activities should consult a member of the staff of this division.

THE DIVISION OF MILITARY SCIENCE AND TACTICS

Commencing this summer and continuing for the duration of the war, work will be offered in the Division of Military Science and Tactics during the summer sessions. The following explanation of military training at the university is included in the bulletin for the benefit of any beginning students and for the general information of all students at the university.

The Reserve Officer's Training Corps was established in the United States under the National Defense Act of June 4, 1920. The board of trustees at Ohio University in 1935 entered into an agreement with the Federal Government for the establishment of a voluntary ROTC unit. Under this agreement the university maintains an elective course in military training for men students who are physically qualified. A student has the choice between two years of military training and the required first and second-year courses in the Division of Physical Welfare. Those who complete the first two years of military training and two additional years of five hours each semes-

ter are eligible for commission in the Officers' Reserve Corps of the United States Army. The first two years carry two hours of credit each semester and the last two years, three hours of credit each semester. The two-year course once entered upon becomes a prerequisite for graduation unless the student, for sufficient reason, is discharged from the obligation to complete it.

All necessary training equipment and the principal articles of the uniform are issued to basic course students by the Federal Government without cost. Articles so issued remain the property of the government and must be returned.

A personal equipment fee of \$2.50 is assessed at the beginning of the summer session to cover incidental expenses.

Upon entering the advanced course the student receives a money allowance for uniforms which last year amounted to \$29 for the first year. Upon entering the second year he receives a uniform maintenance allowance which last year was \$7. In addition "commutation of rations" is paid the advanced student quarterly. Last year this amounted to \$23 each quarter.

THE UNIVERSITY EXTENSION DIVISION

The Extension Division offers two types of service whereby students may earn college credit while living at home—extension classes and correspondence study.

Extension classes are organized in any community within a reasonable distance of the university provided the required number of students can agree upon a course. The number of students required depends upon the distance from the campus. The instructor meets the class once a week. The number and length of the class periods are determined by the amount of credit allowed for the course.

The Extension Division will arrange a program of evening college classes at the freshman level in a community, provided the enrollment is large enough to justify the effort and provided the local board of education will apply for it and will agree to cooperate. It is possible for a student to earn sufficient credit at home under this program to enter Ohio University as a sophomore. Such a program of evening college classes is now in effect at Portsmouth and Zanesville.

Under certain conditions six semester hours of extension class credit can be applied toward the master's degree.

The correspondence division offers over 230 courses, taught by members of the regular faculty from over 30 departments. The courses appeal to persons who want to engage in systematic study during their spare time. Qualified students are accepted at any time.

In extension classes and in correspondence study, students may earn 40 semester hours to apply toward a bachelor's degree.

Persons who are employed full time are limited to six semester hours a semester on the undergraduate level and three semester hours a semester

on the graduate level. Students who are enrolled in a college or university are not accepted without the written permission of the dean of the college.

A student who has not previously enrolled at Ohio University must file an application for admission to the Extension Division, and, if he intends to be a candidate for a degree at Ohio University, he must furnish a complete transcript of work done elsewhere; if he does not intend to be a candidate for a degree at Ohio University, then only a statement of good standing, of honorable dismissal, or of graduation from another college or university is necessary. Those who are entering college for the first time must file a transcript of high school credit. Persons over 21 years of age who have not met university entrance requirements are admitted on condition that they show ability to carry the work.

In 1931, Ohio University was admitted to the National University Extension Association after a very careful inspection by a special committee. The National University Extension Association is made up of over 50 recognized colleges and universities that maintain divisions of university extension. It promotes standards by strict procedures for admission to membership.

Persons interested should write to the Extension Division, Ohio University, Athens, Ohio, for a special bulletin and other information.

COURSES OF INSTRUCTION

The courses of instruction are arranged in numerical order by departments of instruction.

The catalog numbers indicate the student classification for which the courses are designed. The numbers are grouped as follows:

1-99 for University College students

100-199 for undergraduate students

200-299 for advanced undergraduate and graduate students. These courses are not open to sophomores even though they have fulfilled the prerequisites of the courses.

300-399 for graduate students.

When a course requires a fee, the amount is stated in the description of the course.

A prerequisite is usually indicated by the number of the course or the number of semester hours required. When the catalog number or the number of semester hours refers to another department, the department is indicated.

Credit for a course is indicated by the number in parentheses. One semester hour, (1), is the equivalent of two recitations or four or more laboratory periods a week throughout the eight-week session. A course carrying a variable credit, (1-4), indicates the minimum and maximum amount of credit allowed for the course. The maximum amount of credit allowed for the course is indicated in the description of the course in the general catalog. A student may enroll for such a course a number of times provided the total registration for the course does not exceed the maximum credit.

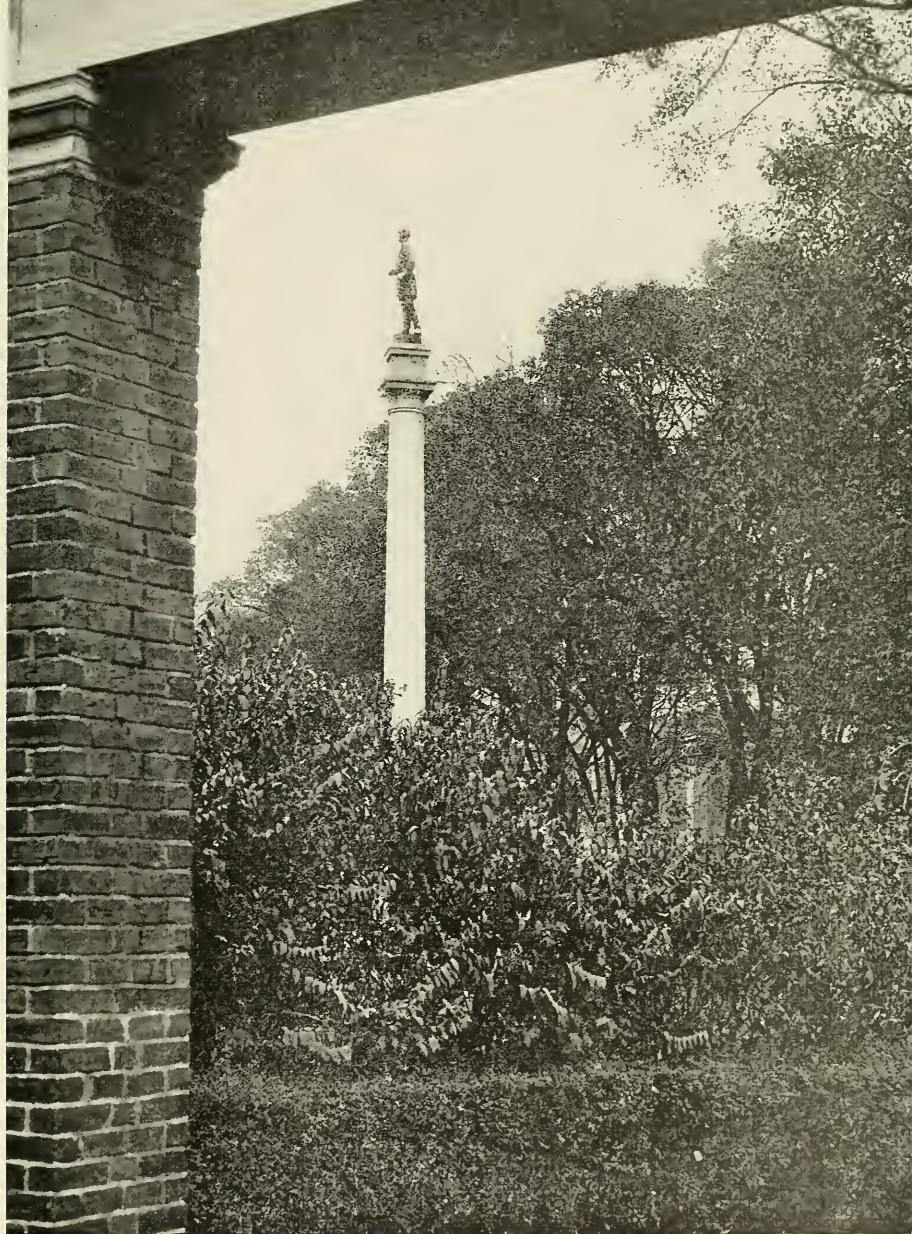
Contrary to the policy of previous years, the 1942 Summer Sessions will operate on a five-day rather than a six-day basis. There will be no Saturday classes. Normally, a class carrying three hours of credit will meet daily (Saturday not included) for one hour; a class carrying two hours of credit, on Monday, Wednesday, and Friday; and a class carrying one hour of credit, on Tuesday and Thursday.

Class periods will be 60 minutes in length, with a ten-minute interval between each period. Classes will convene, therefore, at 7:00, 8:10, 9:20, 10:30, and 11:40. The last morning class will close at 12:40. In the following course descriptions, a two-hour (double) period, from 8:10 to 10:20 for example, will be indicated thus: 8:10, 9:20. Similarly, a three-hour period, meeting, for example, from 8:10 to 11:30, will be indicated as follows: 8:10, 9:20, 10:30. Exceptions to this schedule will be noted in the periods for a few afternoon classes.

ACCOUNTING—See Commerce

ADVERTISING—See Commerce

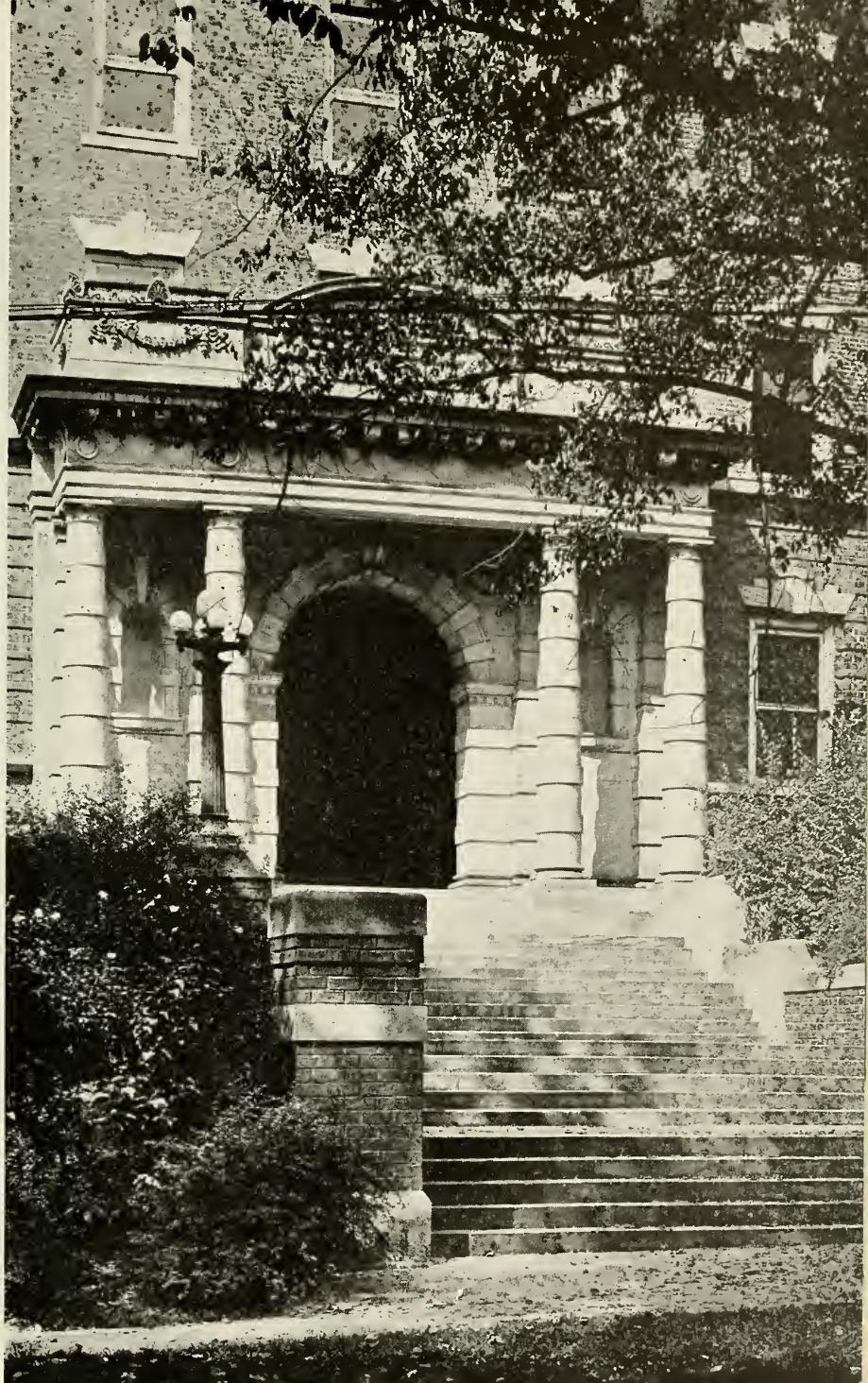
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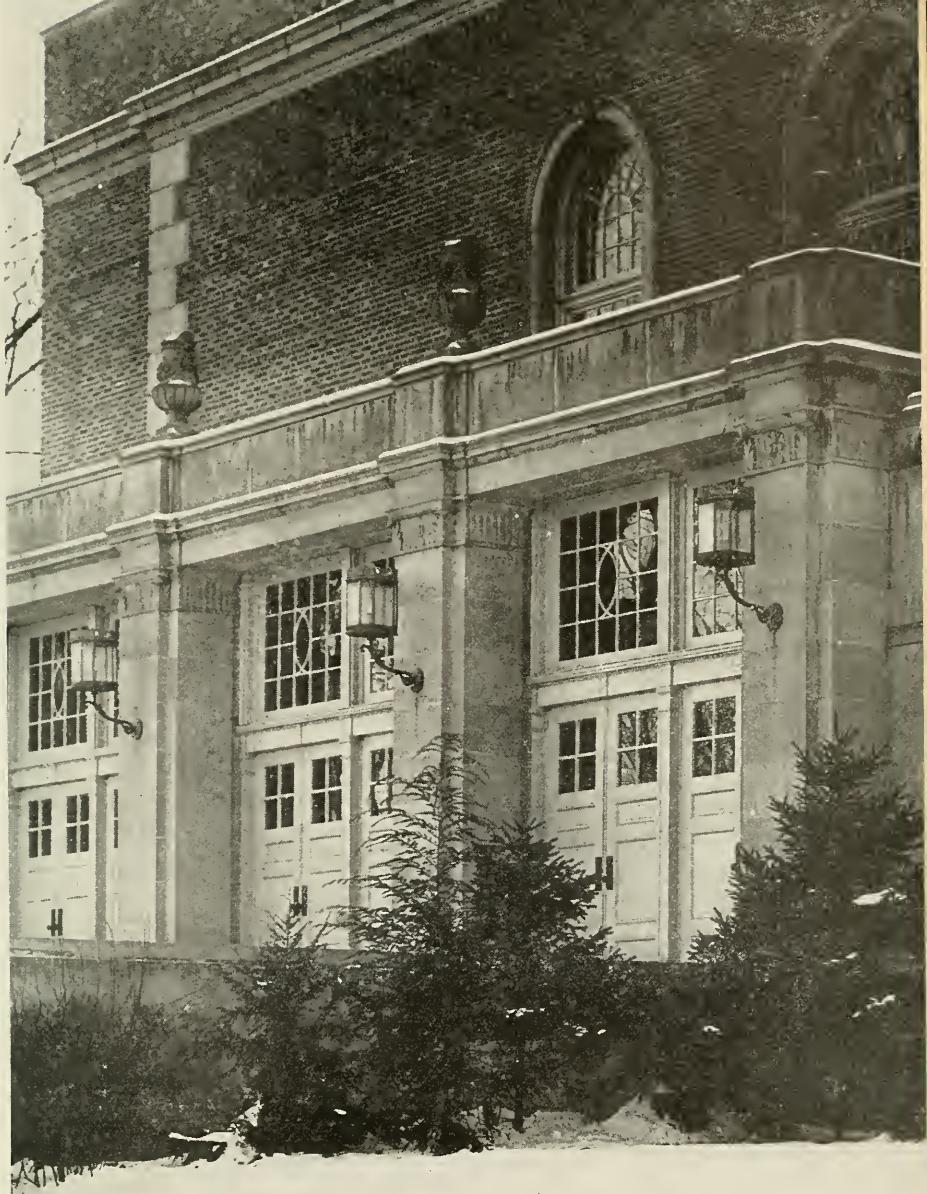
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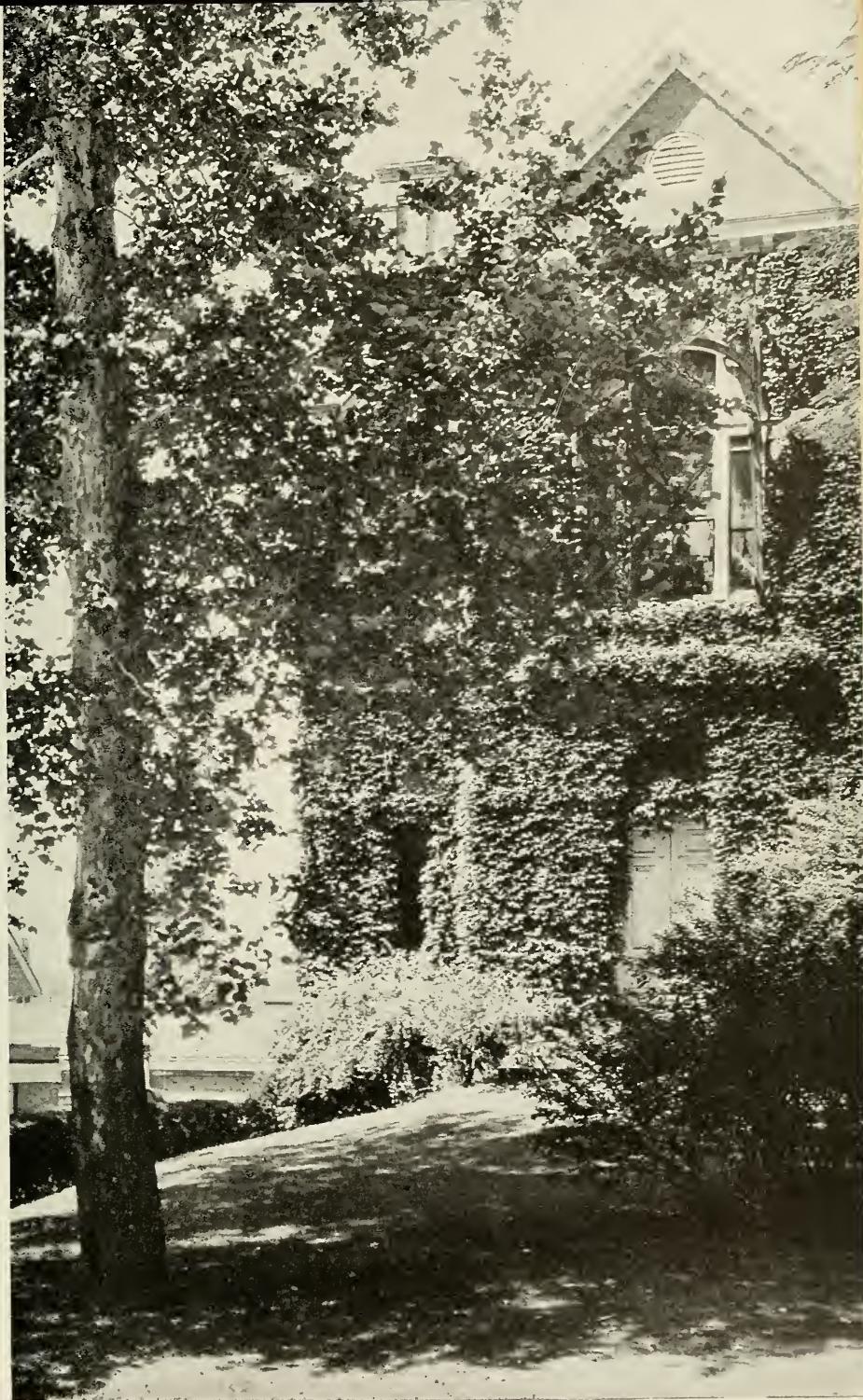
EDWIN WATTS CHUBB LIBRARY



ALUMNI MEMORIAL AUDITORIUM



WOMEN'S GYMNASIUM



HALL OF FINE ARTS



A SHADED WALK

AGRICULTURE

103. FRUIT GROWING (3) Wiggin

A study of the selection of an orchard location, propagation, planting, fruit-setting, nutrition, thinning, disease and insect control, harvesting, grading, judging, storing, and marketing of apples. Fee, \$3. Daily, 8:10.

109. LANDSCAPE GARDENING (3) Wiggin

The principles of landscape gardening as applied to home grounds, civic improvement, and the culture of lawns, ornamental flowers, and shrubs. Fee, \$3. Daily, 9:20.

124. GENERAL DAIRYING (3) Henderson

The fundamentals of milk production, handling, marketing, and the manufacture of products made from milk. Fee, \$3. Daily, 9:20.

127. TYPES, BREEDS, AND MANAGEMENT OF POULTRY (3) Henderson

The origin and development of types and breeds, the general care and management of poultry, incubation, and the marketing of poultry products. Fee, \$3. Daily, 10:30.

ARCHAEOLOGY AND ANTIQUITIES

240. SPECIAL WORK IN ARCHAEOLOGY (2-8) Hill

An opportunity for special study in selected phases and types of archaeology with emphasis for this session upon the classical and American. Prereq., 202 or equivalent. Hours as arranged.

ED. 250. THE HISTORY OF EDUCATION (3) Shoemaker

Education among primitive peoples and on through ancient (especially classical) and medieval times. See "Education."

LAT. 229. DEVELOPMENT OF ROMAN CULTURE (2) Hill

Beginning with the archaeological evidence of prehistoric civilization in Italy it traces the stages and influences in the growth of Roman culture. See "Classical Languages."

ART—See Fine Arts (Painting and Allied Arts)

BOTANY

1. FRESHMAN BOTANY (3) Vermillion

A general survey of the field of botany. A study of the vegetative structures of higher plants. Fee, \$3. Daily, 7:00; T Th, 8:10.

2. FRESHMAN BOTANY (3) Muegel

A continuation of Bot. 1 which, however, is not a prerequisite. Bot. 1 and Bot. 2 may be taken concurrently. Fee, \$3. M W F, 10:30; M T W Th, 11:40.

101. GENERAL BOTANY (3) Muegel

A course for advanced students beginning the subject. Not open to those who have credit in Bot. 1, 2. Fee, \$3. Daily, 9:20; T Th, 10:30.

107. LOCAL FLORA

(3) Boetticher

A course to familiarize the student with the local flora. Trips are conducted to nearby points of botanical interest. Fee, \$3. Daily, 10:30; T Th, 11:40.

134. NATURE STUDY

(3) Boetticher

A course in which the student is introduced to a better understanding of some of the living things about him. Fee, \$3. Daily, 9:20; T Th, 8:10.

168b. TEACHING OF BOTANY

(2) Boetticher

(Same as Ed. 168b) A review of the various methods now employed, followed by actual practice in field work, laboratory procedures, and lectures. Prereq., 1 yr. botany or zoology. M W F, 8:10.

206. PLANT PHYSIOLOGY

(4) Muegel

A study of the more important processes in plants relative to their physiological activities. Prereq., 1, 2 or 101, 102, and one year of chemistry in high school or college. Fee, lab. \$4, breakage \$1. Daily, 7:00, 8:10.

222. PLANT PATHOLOGY

(3) Vermillion

A course dealing with the nature, cause, and control of plant diseases. Prereq., 1, 2 or 101, 102. Fee, \$3. Daily, 9:20; T Th, 10:30.

281. RESEARCH IN BOTANY

(1-6) The staff

Prereq., 20 hrs. Fee, \$1 for each credit hour. Hours as arranged.

395. THESIS

(4-8) The staff

Prereq., permission. Hours as arranged.

BUSINESS LAW—See Commerce

CHEMISTRY

1. GENERAL CHEMISTRY

(3) Gullum

An introductory course in this subject. Devoted chiefly to the fundamental principles. Daily, 8:10.

1. GENERAL CHEMISTRY LABORATORY

(1) Gullum

A laboratory course to accompany Chem. 1. Fee, lab. \$4, breakage \$3. Daily, 9:20.

2. GENERAL CHEMISTRY

(3) Gullum

The second semester in this subject. Prereq., 1. Daily, 10:30.

2. GENERAL CHEMISTRY LABORATORY

(1) Gullum

A laboratory course to accompany Chem. 2. Fee, lab. \$4, breakage \$3. Daily, 9:20.

107. QUANTITATIVE ANALYSIS

(4) Clippinger

The introductory course in analytical chemistry for students majoring in zoology. Not open to chemistry majors. 3 lec. and 10 lab. Prereq., 2 or 4. Fee, lab. \$4, breakage \$5. M W F, 10:30 and 10 hrs. arranged.

113. ORGANIC CHEMISTRY

(3) Dunlap

An introductory course covering both aliphatic and aromatic compounds.

Nomenclature, fundamental principles of structure and reaction tendencies emphasized. Prereq., 2 or 4. Daily, 7:00.

117. ORGANIC CHEMISTRY LABORATORY (2) Dunlap

To accompany Chem. 113. Typical organic preparations and operations illustrated for both aliphatic and aromatic series. 10 lab. Prereq., 113 or with 113. Fee, lab. \$5, breakage \$5. Hours as arranged.

168s. TEACHING OF CHEMISTRY AND LABORATORY PRACTICE (2) Gullum

(Same as Ed. 168s) Instruction and practice in laboratory teaching and supervision. Prereq., permission. Hours as arranged.

251. SPECIAL PROBLEMS IN CHEMISTRY (2-3) Dunlap

An advanced laboratory or lecture course to supplement work already completed in organic, physical, or organic analysis. Prereq., 24 hrs. Fee, lab. \$1 for each credit hour, breakage \$5. Hours as arranged.

395. THESIS (2-4) The staff

Prereq., permission. Hours as arranged.

CIVIL AERONAUTICS

197. CONTROLLED PRIVATE FLYING (0) Olson Flying Service

Preliminary ground instruction, taxiing, take-offs, landings, spins, forced landings; solo flight and practice, stalls, cross-wind take-offs and landings, power approaches and landings, and cross-country flight. 1½ lab. Prereq., registration in C. A. 199. Fee, \$30 maximum. Hours as arranged.

199. CONTROLLED PRIVATE GROUND COURSE (3) Dow, Wilsey

History of aviation, civil air regulations, navigation, meteorology, theory of flight, aircraft engines and instruments, and radio uses and terms. 4 lec. Prereq., see "Aviation Training Program." Daily, 1:30, 2:40.

CIVIL ENGINEERING

1. MECHANICAL DRAWING (2) Thomas

Freehand lettering, use of instruments, geometric constructions, orthographic projections, auxiliary and sectional views, dimensioning. 12 lab. Hours as arranged.

2. MECHANICAL DRAWING (2) Thomas

Isometric, oblique, detail, and assembly drawings. Intersections, developments, structural, electrical, and architectural drafting, tracings, and blue prints. 12 lab. Hours as arranged.

74. THE SLIDE RULE (1) Thomas

Prereq., Math. 5. T Th, 9:20.

107. PERSPECTIVE DRAWING (1) Thomas

Pictorial representation of objects, including shadows on objects and planes. Parallel and oblique perspective. 6 lab. Prereq., 2. Hours as arranged.

CLASSICAL LANGUAGES

(Also see "Archaeology and Antiquities")

LATIN

Students who desire to fulfill special requirements or who have special problems are urged to contact the department in advance in order that adequate plans may be made for individual needs.

123. NEPOS AND LIVY

(3) Hill

Selected *Lives* of Nepos and selected readings from Livy; an opportunity for those who feel the need of an accredited review course. Prereq., 4 yrs. high school Latin or permission. Daily, 8:10.

212. CAESAR'S CIVIL WAR

(2) Jolliffe

Studied for a broader acquaintance with Caesar and his works. Prereq., 103 or equivalent. M W F, 11:40.

220. VERGIL—LATIN EPIC

(3) Jolliffe

Lectures on the general literary content and technique of the *Aeneid*, with translations from the last six books. Prereq., 103 or equivalent. Daily, 10:30.

229. DEVELOPMENT OF ROMAN CULTURE

(2) Hill

Beginning with the archaeological evidence of civilization in Italy and in the whole area of the Mediterranean at the time of the traditional founding of Rome, the course is designed to trace the various influences and stages in the growth of Roman culture. Given in English. Prereq., 8 hrs., or 8 hrs. history and antiquities. M W F, 9:20.

233. ADVANCED LATIN SYNTAX

(1) Jolliffe

A study of the principles of Latin syntax with some emphasis upon their application in translation. Prereq., 103 or equivalent. T Th, 9:20.

240. SPECIAL WORK IN LATIN

(1-5) Hill

Individual work under careful guidance, designed to solve the problems of special needs. Prereq., 103 or equivalent. Daily, 8:10 or arranged.

395. THESIS

(4-8) The staff

Prereq., permission. Hours as arranged.

COMMERCE

ACCOUNTING

75-76. ELEMENTARY ACCOUNTING

(6) Fenzel

Fundamental principles of accounting theory and practice as they affect corporations, partnerships, proprietorships, and the entire cycle of bookkeeping procedure. (A student may register for Acct. 75 or 76 or both.)

Acct. 75 (3) First four weeks. Daily, 7:00, 8:10.

Acct. 76 (3) Second four weeks. Daily, 7:00, 8:10.

125. INTERMEDIATE ACCOUNTING

(3) Fenzel

Preparation and analysis of balance sheet and income statements. Prereq., 76 or 102. Daily, 10:30.

281. RESEARCH IN ACCOUNTING (2-8) Fenzel
Prereq., 175, 195, and permission. Hours as arranged.

ADVERTISING

155. ADVERTISING PRINCIPLES (3) Paynter
The principles and procedures relating to copy, mechanical production, media, testing, and agency work. Prereq., Mkt. 155 or permission. Daily, 11:40.

281. RESEARCH IN ADVERTISING (2-8) Paynter
Prereq., 18 hrs. commerce including 5 hrs. advertising and permission. Hours as arranged.

BUSINESS LAW

155-156. BUSINESS LAW (6) Hudson
Contracts, agency, sales, bailments, negotiable instruments, partnerships, and corporations. (A student may register for Bus. L. 155 or 156 or both.)

Bus. L. 155 (3) First four weeks. Daily, 7:00, 8:10.

Bus. L. 156 (3) Second four weeks. Daily, 7:00, 8:10.

170s. PROPERTY LAW (3) Hudson
Law related to real and personal property including deeds, mortgages, leases, landlord and tenant relationship, wills, estates, etc. Daily, 9:20.

281. RESEARCH IN LAW (2-8) Hudson
A study of selected cases and current litigation in any field of law of particular interest to the student. Prereq., 18 hrs. commerce including 156 and permission. Hours as arranged.

ECONOMICS

101-102. PRINCIPLES OF ECONOMICS (6) Gubitz, Hellebrandt
Production, consumption, distribution, exchange, and their application to economic problems. (A student may register for Ec. 101 or 102 or both.)

Ec. 101 (3) First four weeks. Daily, 7:00, 8:10. (Gubitz).

Ec. 102 (3) Second four weeks. Daily, 7:00, 8:10.

(Hellebrandt).

228. ECONOMICS OF WAR (3) Hellebrandt
Economic causes and problems generated in a war economy; fiscal wartime policies, national and international relations, control of prices, industrial potentials, and postwar adjustments. Prereq., 102. Daily, 11:40.

235. LABOR RELATIONS (3) Gubitz
A general survey of the forces giving rise to modern labor relations. Prereq., 102. Daily, 10:30.

281. RESEARCH IN ECONOMICS (2-8) The staff
Prereq., 15 hrs. and permission. Hours as arranged.

395. THESIS (4-8) The staff
Prereq., permission. Hours as arranged.

Additional courses: Mgt. 211—Industrial Management and Fin. 215
—General Insurance Principles and Practices.

FINANCE

121. BUSINESS FINANCE

(3) Armbruster

The elements of business finance, the corporation, corporate securities, and financial plans. Daily, 8:10.

215. GENERAL INSURANCE PRINCIPLES AND PRACTICES

(2) Hellebrandt

The role of insurance in our economic and social regime and the principles and practices of each type of insurance. Prereq., Ec. 102. M W F, 9:20.

281. RESEARCH IN FINANCE

(2-8) The staff

Special studies in money, banking, or business finance. Prereq., 9 hrs., Ec. 102, and permission. Hours as arranged.

JOURNALISM (See Journalism)

MANAGEMENT

211. INDUSTRIAL MANAGEMENT

(3) Gubitz

Principles of organization and management of industrial enterprises; the management movement; newer principles and practices in functional organization. Prereq., Ec. 102. Daily, 9:20.

Additional course: Ec. 235—Labor Relations.

MARKETING

170s. ELEMENTS OF PURCHASING

(3) Paynter

Purchasing problems of consumers, middlemen, and industries. Prereq., 155 or permission. Daily, 9:20.

211. RECENT TRENDS IN MARKETING AND SELLING

(3) Paynter

Prereq., 155 and Ec. 102. Daily, 10:30.

281. RESEARCH IN MARKETING

(2-8) Paynter

Research methods, market data, and methods of conducting surveys. Prereq., 18 hrs. commerce including 5 hrs. marketing and permission. Hours as arranged.

SECRETARIAL STUDIES

15s. TYPEWRITING

(3) Snook

A beginning course in typewriting. Students are expected to attain a speed of 35 words a minute. Class meets twice daily. Fee, \$3. Daily, 7:00, 10:30.

16. TYPEWRITING

(2) Miller

Students are expected to attain a speed of 45 words a minute and to master the typing of all business forms. Prereq., 15 or 15s. Fee, \$2. Daily, 10:30, 2 hrs. arranged.

31-32. SHORTHAND

(6) Snook

Principles of Gregg shorthand with practice in dictation and transcription. Students are expected to attain a rate of 80 words per minute. Class meets two hours daily for recitation and one hour daily for super-

vised study. Prereq., 15 or 15s or with 15s. (A student may register for Sec. St. 31 or 32 or both.)

Sec. St. 31 (3) First four weeks. Daily, 8:10, 9:20; 11:40.

Sec. St. 32 (3) Second four weeks. Daily, 8:10, 9:20; 11:40.

120. BUSINESS LETTER WRITING

(3) Lasher

Principles of writing business letters and reports. Prereq., Eng 2 or 4. Daily, 10:30.

151s. DICTATION AND TRANSCRIPTION

(4) Miller

Designed to develop ability in taking dictation and transcribing it. The 100-word transcription test is the standard for credit. Prereq., 16 and 32. Fee, \$1. Daily, 8:10, 9:20.

161t. TEACHING OF TYPEWRITING

(2) Sponseller

(Same as Ed. 161t) Prereq., 16. M W F, 11:40.

175. SECRETARIAL PRACTICE

(4) Sponseller

Students spend five hours a week working in offices on the campus, and five hours in the secretarial practice laboratory. Conferences arranged. Prereq., 151 and 171. Daily, 1 hr., 5 hrs. arranged.

180. OPERATION OF OFFICE MACHINERY

(2) Sponseller

Technique in the operation of various office machines. Prereq., Jr. or Sr. rank. Fee, \$2. Daily, 9:20, 1 hr. arranged.

237. ADMINISTRATION IN BUSINESS EDUCATION

(3-6) Sponseller

(Same as Ed. 237) The problems involved in planning, administering, and supervising a business education program in the high school. Prereq., 20 hrs. commerce and permission. Daily, 10:30.

287. RESEARCH IN BUSINESS TEACHING PROBLEMS

(2-8) The staff

(Same as Ed. 287) Prereq., 20 hrs. commerce and permission. Hours as arranged.

395. THESIS

(4-8) The staff

Prereq., permission. Hours as arranged.

STATISTICS

155-156. BUSINESS STATISTICS

(6) Adamson

Elementary statistical methods used in business. Lectures and laboratory. Fee, \$6. (A student may register for Stat. 155 or 156 or both.)

Stat. 155 (3) Fee, \$3. First four weeks. Daily, 7:00, 8:10; 3 hrs. arr.

Stat. 156 (3) Fee, \$3. Second four weeks. Daily, 7:00, 8:10; 3 hrs. arr.

201s. ANALYSIS OF STATISTICAL DATA

(3) Adamson

Emphasizing the interpretation of the validity and meaning of statistical concepts and published statistical data. Prereq., 155 and Ec. 102. Daily, 10:30.

281. RESEARCH IN BUSINESS STATISTICS

(2-8) Adamson

Prereq., 18 hrs. commerce including 156 and permission. Hours as arranged.

DRAMATIC ART—See Fine Arts

ECONOMICS—See Commerce

EDUCATION

ELEMENTARY EDUCATION

113. EDUCATIONAL TESTS AND MEASUREMENTS (2) Benz

Standardized and informal new-type tests for the elementary grades and the junior high school; problems involved in the building, administering, scoring, and interpretation of results of the tests. Fee, \$2. M W F, 11:40.

211. THE ELEMENTARY CURRICULUM (3) Allard

This course is a study of the factors which make changing patterns of elementary school curricula a necessity. Prereq., 6 hrs. education and Psych. 5. M W, 1:30, 2:40; F, 1:30.

HISTORY AND PHILOSOPHY

250. THE HISTORY OF EDUCATION (3) Shoemaker

Studies the agencies of education and the conditioning social forces. Includes the Greek, Roman, Christian, Early Medieval, Renaissance, and Protestant Revolt eras. Prereq., 3 hrs. education and Psych. 5. Daily, 9:20.

255. PHILOSOPHY OF EDUCATION (3) Shoemaker

Attempts to determine the meaning of the terms philosophy and philosophy of education and to aid students to formulate their own philosophy of education. Prereq., 9 hrs. education. Sec. 1—Daily, 10:30. Sec. 2—Daily, 11:40.

256. PROGRESSIVE EDUCATION (3) Hampel

A study of a movement in education which questions beliefs and practices in organized education, including recent biological, psychological, and sociological findings. Prereq., 12 hrs. education and Psych. 5. Daily, 7:00.

KINDERGARTEN-PRIMARY

1. PLAY AND PLAY MATERIALS (2) Hoyle

Play and its importance in child development; equipment and play materials; development of organized games. M W F, 7:00.

2. LITERATURE FOR EARLY CHILDHOOD (3) Quick

A study of traditional and modern literature for children. Special emphasis on experiences with children and books. Daily, 10:30.

101. ACTIVITIES FOR EARLY CHILDHOOD (3) Allard

Sources and uses of materials used by the young child in the classroom; criteria for selecting and evaluating child activities. Prereq., 1 yr. college work. Fee, \$3. M W F, 7:00, 8:10.

201. THE KINDERGARTEN-PRIMARY CURRICULUM (3) Quick

A study of the changing curriculum for early childhood; the newer knowledge of childgrowth and development; the importance of social centered experience. Prereq., 6 hrs. education and Psych. 3 or 5. M W, 1:30, 2:40; F, 1:30.

204. STUDIES IN EARLY CHILDHOOD EDUCATION (3) Quick

This course provides an opportunity for a critical review of trends, practices, and methods in early childhood education and an evaluation in terms of progressive theory. Prereq., 6 hrs. education and a major in elementary education. Daily, 11:40.

RESEARCH AND SCIENTIFIC TECHNIQUES**281. EDUCATIONAL STATISTICS (3) Howard**

The tabulation and graphical representation of frequency tables, measures of central tendency, percentiles and percentile curves, measures of variability, probability and the normal curve, and correlation. Practice in the use of statistical tables and calculating machines. Prereq., 6 hrs. education and Psych. 5. Daily, 7:00.

284. RESEARCH IN EDUCATION (2-6) The staff

Students are directed in the investigation of selected phases of educational theory and practice. Prereq., 9 hrs. education and Psych. 5. Hours as arranged.

286. RESEARCH IN TEACHING MATHEMATICS (2-6) Benz

Qualified students may work on problems pertaining to the teaching of mathematics in high school. Prereq., 18 hrs. education and mathematics. Hours as arranged.

287. RESEARCH IN BUSINESS TEACHING PROBLEMS (2-8) The Sec. St. staff

(Same as Sec. St. 287) Prereq., 20 hrs. commerce, senior rank, and permission. Hours as arranged.

391. SEMINAR IN BUSINESS TEACHING PROBLEMS (2-10) The Sec. St. staff

(Same as Sec. St. 391) Prereq., 20 hrs. commerce and permission. Hours as arranged.

395. THESIS (1-8) The staff

Prereq., permission. Hours as arranged.

SCHOOL ADMINISTRATION AND SUPERVISION**141. AUDIO-VISUAL EDUCATION (2) Hampel**

Experiences in the use of audio-visual aids as they relate to problem solving in the curriculum. Prereq., 3 hrs. education and Psych. 5.

Sec. 1—M W F, 10:30.

Sec. 2—T, 1:30, 2:40; Th, 1:30.

143. SCHOOL LIBRARY ADMINISTRATION (3) Keating, Manson

This course aims to give the teacher-librarian a knowledge of the simple cataloguing and classification of books and the use of reference books of special value to elementary and secondary schools. Daily, 10:30.

240. SCHOOL ADMINISTRATION (3) McCracken, Smith

The place of the Federal Government, state, county, and city in education; the superintendent, and the organization and administration of the public school system. Prereq., 3 hrs. education and Psych. 5.

Sec. 1—Daily, 8:10.

Sec. 2—Daily, 9:20.

241. SCHOOL FINANCE (3) Sias
 The place of school finance in the field of public finance, sources of data, revenues, expenditures, equalization, control, and indebtedness. Prereq., 6 hrs. education including 3 hrs. of school administration, and Psych. 5. Daily, 8:10.

244. PROBLEMS IN SCHOOL ADMINISTRATION (3) Dixon
 A course treating intensively special problems in school administration. The problems are determined by the interests of the students. Prereq., 9 hrs. education including 230 or 240. Daily, 10:30.

246b. WORKSHOP—ELEMENTARY EDUCATION INCLUDING PROGRESSIVE EDUCATION (6-9) Beechel, Goggans, Shane
 Designed to assist in-service teachers in the intensive study of problems faced in school situations. Graduate students may register for not to exceed 8 hours. The "Workshop" may be substituted for Kindergarten-Primary Curriculum, Elementary Curriculum, Progressive Education, Philosophy of Education, or other courses with the approval of the dean of the College of Education. Prereq., 15 hrs. education, senior or graduate rank, teaching experience, and permission. Daily, 8:10, 9:20, 10:30; T Th, 1:30 to 3:00.

247a. VISITING TEACHER (3) The staff
 (Same as Soc. 247a) For experienced teachers. Functions of visiting teacher; analysis of social situations in home, community, and school tending to produce pupil maladjustment; diagnosis of personality difficulties; social case work techniques of interviewing, recording, diagnosing, and adjusting problem cases; major agencies in community dealing with maladjusted or underprivileged children. Observation, case study assignment at clinic, field practice. Prereq., 6 hrs., teaching experience, and permission. Fee, \$3. Daily, 10:30, clinic and field service as arranged.

248. GUIDANCE (2) Howard
 A study of the meaning and implementation of guidance in secondary education. Prereq., 6 hrs. education and Psych. 5. M W F, 11:40.

249. ART SUPERVISION AND CURRICULA (2) Leonard
 (Same as P.A.A. 249) Art objectives. Projects in teaching and supervision in various types of schools and suggestions for growth toward the ideal situation. Prereq., 160h. T Th, 1:30, 2:40.

250h. SPECIAL PROBLEMS IN THE TEACHING OF HOME ECONOMICS (3) Patterson
 (Same as H. Ec. 250h) Opportunity for individual selection of problems. Prereq., 168h and 18 hrs. home economics. Hours as arranged.

SECONDARY EDUCATION

130. PRINCIPLES OF SECONDARY EDUCATION (3) Hansen
 The general purpose of secondary education, relation to other levels of education, content and organization of curricula, and other topics. Not open to first semester sophomores. Daily, 9:20.

131. EDUCATIONAL TESTS AND MEASUREMENTS (2) Benz
 Standardized and informal new-type tests for the senior high school.

Problems involved in the building, administering, scoring, and interpretation of results of tests. Fee, \$2. M W F, 11:40.

230. HIGH SCHOOL ADMINISTRATION

(3) Howard

Problems of school and class organization, discipline, grading, curricula, guidance, and extraclass activities in the secondary school. Prereq., 3 hrs. education and Psych 5. Daily, 8:10.

232. HIGH SCHOOL CURRICULUM

(2) Benz

The high school program of studies, contributions of various subjects, and desirable steps in reorganization. Prereq., 6 hrs. education including 130. M W F, 10:30.

237. ADMINISTRATION IN BUSINESS EDUCATION

(3-6) Sponseller

(Same as Sec. St. 237) Consideration of the problems involved in planning, administering, and supervising a business education program in the high school. Prereq., 20 hrs. commerce and permission. Daily, 10:30.

STUDENT TEACHING

The College of Education specifies three semester hours of observation and participation and from four to ten semester hours of student teaching in the requirements outlined for the degree of Bachelor of Science in Education and for the three-year diploma. Student teaching credit may be transferred from accredited colleges, but will not fully satisfy the requirements.

In no case shall fewer than two or three semester hours of student teaching in the training schools of the university satisfy this requirement.

Students with approved teaching experience who wish to take observation and participation and student teaching during the summer session are allowed to satisfy the requirement by taking two semester hours of observation and participation and three semester hours of student teaching.

A student without experience will not be able to complete the full requirement of three semester hours of observation and participation and four semester hours of student teaching during the summer session. It will be possible, however, to complete four semester hours of advanced student teaching in elementary education.

Student teaching reservations should be made before the opening of the summer session. Reservation blanks may be secured from Dr. A. B. Sias, College of Education, Ohio University, Athens, Ohio.

PREREQUISITES FOR ALL TYPES OF STUDENT TEACHING:

1. A student must have at least a C (2.000) average in English 1-2 or English 3-4, or make a satisfactory grade on a written proficiency test in English.

2. A student must have a satisfactory grade in oral English. The grade in oral English is generally given while the student is enrolled for English 2 or English 4. This grade is recorded in the office of the dean of the College of Education.

3. A student must meet standards required in speech. A speech test may be required when necessary as evidence to determine freedom from speech defects. A fee of \$1 is charged for a test when a mechanical recording is necessary.

4. In general, only students who meet the standard in the psychological test for entrance to teacher preparation shall be admitted to the courses in "Student Teaching and Observation and Participation." This requirement is based on Sec. 7659 of the Ohio Statutes and the regulations of the State of Ohio Department of Education. Exceptions can be made to this standard only in case of a high scholastic record and unusually favorable personality traits.

The results of the written proficiency test in English and the speech test are used as a basis for rejecting or approving the student's application for student teaching.

All students who apply for student teaching after September 1, 1940, are required to meet the above standards.

ADDITIONAL PREREQUISITE FOR STUDENT TEACHING IN THE ELEMENTARY SCHOOLS:

1. Completion of at least 55 semester hours of the outlined course including prerequisite requirements with at least as many points as semester hours attempted.

2. A score of at least 80 on the Ayers Scale for Handwriting.

ADDITIONAL PREREQUISITES FOR STUDENT TEACHING IN SPECIAL SUBJECTS AND IN THE HIGH SCHOOL ACADEMIC SUBJECTS:

1. Completion of 90 semester hours of the outlined course with at least two times as many points as semester hours attempted.*

2. Completion of subject matter, at least to the extent represented by the state requirements for a teaching subject, in the subject or field in which the teaching is to be done. These requirements are found in the general catalog of the university under "Certification for Teaching." The scholastic record in the subject must include at least two times as many points as semester hours attempted.*

3. Completion of the following courses in education with an average of at least two times as many points as semester hours attempted:*

Psych. 5—Educational Psychology (3)

Ed. 130—Principles of Secondary Education (3)

Ed. Teaching Techniques (in subject to be taught) (2)

4. Completion of the following courses in education with an average of at least two times as many points as semester hours* attempted either before student teaching is begun or during the semester in which the teaching is done:

*Lack of points may be made up by taking additional approved courses in Ohio University in the same general field.

Ed 180—Observation and Participation in High School Academic Subjects or
Ed. 182—Observation and Participation in Special Subjects (3)
Ed. 131—Educational Tests and Measurements** (2)

STUDENT TEACHING AND OBSERVATION AND PARTICIPATION

171. OBSERVATION AND PARTICIPATION IN KINDERGARTEN-PRIMARY GRADES (2) Sias and supervising critics
Prereq., with 172. Hours as arranged.

172. STUDENT TEACHING IN KINDERGARTEN-PRIMARY GRADES (3) Sias and supervising critics
Prereq., with 171. Fee, \$6. Hours as arranged.

173. STUDENT TEACHING IN KINDERGARTEN-PRIMARY GRADES (2) Sias and supervising critics
Students specializing in kindergarten do this two hours of student teaching in the first and second grades; those specializing in primary grades, in the kindergarten. Fee, \$4. Hours as arranged.

174. ADVANCED STUDENT TEACHING IN KINDERGARTEN-PRIMARY GRADES (2-4) Sias and supervising critics
Prereq., 172, 173, and senior rank. Fee, \$2 for each credit hour. Hours as arranged.

175. OBSERVATION AND PARTICIPATION IN INTERMEDIATE GRADES (2) Sias and supervising critics
Prereq., with 176. Hours as arranged.

176. STUDENT TEACHING IN INTERMEDIATE GRADES (3) Sias and supervising critics
Prereq., with 175. Fee, \$6. Hours as arranged.

177. ADVANCED STUDENT TEACHING IN INTERMEDIATE GRADES (2-4) Sias and supervising critics
Prereq., 176 and senior rank. Fee, \$2 for each credit hour. Hours as arranged.

178. STUDENT TEACHING IN SPECIAL EDUCATION (3) Sias
Prereq., with 175. Fee, \$6. Hours as arranged.

180. OBSERVATION AND PARTICIPATION IN HIGH SCHOOL, ACADEMIC SUBJECTS (2) Sias
Prereq., junior or senior rank; Psych. 5 and Ed. 130; and if possible, methods. Hours as arranged.

181. STUDENT TEACHING IN HIGH SCHOOL, ACADEMIC SUBJECTS (3) Sias
Prereq., 180 or with 180, and senior rank. Fee, \$6. Hours as arranged.

182. OBSERVATION AND PARTICIPATION IN SPECIAL SUBJECTS (2) Sias and departmental supervisors
Majors in art, music, and physical welfare divide the observing time

**Not required of majors in art, commerce, home economics, industrial arts, music, or physical welfare.

between the elementary and high schools. Prereq., junior or senior rank; Psych. 5 and Ed. 130; and if possible, methods. Hours as arranged.

183. STUDENT TEACHING IN SPECIAL SUBJECTS

(2-4) Sias and departmental supervisors

The subjects are art, commerce, home economics, industrial arts, music, and physical welfare. Prereq., 182 or with 182, and senior rank. Fee, \$2 for each credit hour. Hours as arranged.

TEACHING TECHNIQUES

Botany

168b. TEACHING OF BOTANY

(2) Boetticher

(Same as Bot. 168b) A review of the various methods now employed, followed by actual practice in field-work, laboratory procedures, and lectures. Prereq., 1 yr. botany or zoology. M W F, 8:10.

Chemistry

168s. TEACHING OF CHEMISTRY AND LABORATORY PRACTICE

(2) Gullum

(Same as Chem. 168s) Instruction and practice in laboratory teaching and supervision. Prereq., permission. Hours as arranged.

Commerce

161t. TEACHING OF TYPEWRITING

(2) Sponseller

(Same as Sec. St. 161t) Prereq., Sec. St. 16. M W F, 11:40.

Dramatic Art

162h. TEACHING OF HIGH SCHOOL DRAMATICS

(2) Dawes

(Same as Dram. A 162h) Producing plays in high school; the dramatic club. Prereq., 4 hrs. dramatic art, 12 hrs. English, or permission for teachers. M W F, 11:40.

Elementary Education

163b. TEACHING OF READING IN INTERMEDIATE GRADES

(2) Hampel

Discussion, research, and observation of modern approaches to reading experiences with some laboratory and community experiences to develop background meanings and participation in home, school, and community groups. M W F, 11:40.

163g. TEACHING OF ARITHMETIC IN INTERMEDIATE GRADES

(3) Smith

Methods of presenting the subject matter of the arithmetic curriculum in grades 4, 5, and 6; results of experimental investigation; standardized tests and mechanical drill devices. Daily, 7:00.

164g. TEACHING OF LANGUAGE ARTS IN THE GRADES

(2) Allard

A study of the expressive arts, creative expression, and the development of related skills. Prereq., Eng. 1 or 3. M W F, 9:20.

English

164a. TEACHING OF ENGLISH IN THE SENIOR HIGH SCHOOL

(2) Wray

(Same as Eng. 164a) A study of the content and presentation of poetry, drama, novel, and short story. Prereq., Eng. 2 or 4 and junior or senior rank. M W F, 11:40.

History

169h. TEACHING OF HISTORY AND CIVICS IN JUNIOR AND SENIOR HIGH SCHOOLS (2) Morrison

(Same as Hist. 169h) The development of history and civics as school subjects: objectives, instructional methods and materials, types of work, organization of the course of study, testing, and school problems related to teaching the subjects. M W F, 11:40.

Mathematics

168m. TEACHING OF MATHEMATICS IN HIGH SCHOOL (3) Starcher

(Same as Math. 168m) An analysis of the basic ideas of algebra and geometry. Methods of presenting topics in these subjects to high school students. Prereq., Math. 6 and Psych. 5. Daily, 8:10.

Music

166d. TEACHING OF DANCES AND GAMES* (1) Danielson

(Same as Mus. 166d) Dances and games for grades 1 to 8 and methods of presentation. T Th, 8:10.

166e. TEACHING OF MUSIC IN ELEMENTARY GRADES (2) Danielson

(Same as Mus. 166e) Fee, \$1. Prereq., 2 M W F, 11:40.

Painting and Allied Arts

160c. TEACHING OF DESIGN FOR EARLY CHILDHOOD (1) Leonard

(Same as P.A.A. 160c) 4 lab. Prereq., P.A.A. 3. M T Th F, 7:00.

160g. TEACHING OF DESIGN FOR INTERMEDIATE AND HIGHER GRADES (1) Leonard

(Same as P.A.A. 160g) 4 lab. Prereq., P.A.A. 3. M T Th F, 11:40.

Physical Welfare

167b. TEACHING OF COACHING—WOMEN (2) Wilson

(Same as P.W. 167b) Theory and practice of coaching volleyball, baseball, track, and field activities. M W F, 9:20.

167e. COACHING OF BASKETBALL (2) Trautwein

(Same as P.W. 167e) First four weeks. T Th, 1:30 to 4:50.

167f. COACHING OF FOOTBALL (2) Peden

(Same as P.W. 167f) Prereq., junior rank. First four weeks. M W F, 1:30, 2:40.

167p. TEACHING OF PHYSICAL WELFARE (1) Rhoads

(Same as P.W. 167p) Physical education for elementary and secondary schools. Not required of majors. T Th, 8:10.

ELECTRICAL ENGINEERING

101. PRINCIPLES OF RADIO (3) Green

Electrical resonance, vacuum tubes, receivers, transmitters, antennae.

*This course may be substituted by school music majors for one hour of required physical welfare.

Laboratory work includes frequency meters, assembling and aligning receivers, operation of transmitters. 3 lec. and 4 lab. Prereq., Math. 5. Fee, \$3. T Th, 7:00; M W F, 8:10.

205. SCHOOL ACOUSTICS

(2) Green

For music majors, teachers, and architects. Treats strings, pipes, plates, public address systems, sound movies, acoustics of buildings. Prereq., 12 hrs. education or music (including 104), or dramatic art or physics. M W F, 10:30.

ENGLISH

3. ENGLISH COMPOSITION

(3) Lasher

A course in the fundamentals of composition and the writing of exposition and informal argument. Attention given to oral as well as written English. Daily, 8:10.

4. ENGLISH COMPOSITION

(3) Roberts

A continuation of Eng. 3, with special emphasis on the study of models of description and narration. Attention given to oral as well as written English. Prereq., 3. Daily, 8:10.

101. SOPHOMORE ENGLISH LITERATURE

(3) Roberts

A study of the works of eight or ten of the chief English authors from the beginnings of English literature to the middle of the eighteenth century. Prereq., 2 or 4. Daily, 11:40.

102. SOPHOMORE ENGLISH LITERATURE

(3) Wray, Lash

A continuation of Eng. 101, from the middle of the eighteenth century to the present. Prereq., 2 or 4.

Sec. 1—Daily, 8:10 (Wray).

Sec. 2—Daily, 10:30 (Lash).

111. THE CHIEF AMERICAN WRITERS

(3) Peckham, McQuiston

A study of representative prose and poetry from Franklin, Freneau, Irving, Cooper, Bryant, Emerson, Thoreau, Hawthorne, and Whittier. Prereq., 2 or 4.

Sec. 1—Daily, 8:10 (Peckham).

Sec. 2—Daily, 10:30 (McQuiston).

112. THE CHIEF AMERICAN WRITERS

(3) Lash, Peckham

A continuation of Eng. 111. Representative prose and poetry from Poe, Holmes, Longfellow, Lowell, Whitman, Mark Twain, Henry Adams, Lanier, and William James. Prereq., 2 or 4.

Sec. 1—Daily, 7:00 (Lash).

Sec. 2—Daily, 9:20 (Peckham).

150. THE SHORT STORY

(2) McQuiston

A historical and critical study of the short story. Lectures and extensive reading in short story classics. Prereq., 2 or 4. M W F, 9:20.

164a. TEACHING OF ENGLISH IN THE SENIOR HIGH SCHOOL

(2) Wray

(Same as Ed. 164a) A study of the content and presentation of poetry, drama, novel, and short story. Prereq., 2 or 4 and junior or senior rank. M W F, 11:40.

175. CREATIVE WRITING

(3) Mackinnon

The work is adapted to the individual, and instruction is largely by conference. Prereq., 2 or 4 and junior or senior rank. Daily, 11:40.

202. SHAKESPEARE (3) McQuiston
 Intensive study and analysis of great tragedies, rapid reading of some less well-known plays and the sonnets. Introduction to Shakespearean scholarship and criticism. Prereq., 12 hrs. Daily, 7:00.

205. SEVENTEENTH CENTURY LITERATURE (2) Roberts
 (Exclusive of Milton and the drama.) A study of the more significant writers of prose and poetry together with the main cultural and historical currents of the period. Prereq., 12 hrs. M W F, 10:30.

213. ENGLISH PROSE FICTION (3) Mackinnon
 A study of the development of the English novel through different periods. Prereq., 12 hrs. Daily, 9:20.

224. CONTINENTAL NOVEL (2) Lash
 Reading of European novels of the nineteenth century, chiefly, with emphasis on the Russian, French, German, and Scandinavian. Prereq., 12 hrs. M W F, 9:20.

236. MODERN DRAMA IN ENGLISH (2) Peckham
 This course alternates with Eng. 234. A study of types and tendencies in British, Irish, and American drama since 1880. Prereq., 12 hrs.; or 9 hrs., including 101, and 3 hrs. dramatic art. M W F, 11:40.

250. BOOKS OF THE SEASON (2) Mackinnon
 An extensive reading course in the best books of the season. Prereq., 12 hrs. M W F, 8:10.

258. MIDDLE ENGLISH (3) Wray
 A course designed to acquaint the student with the literature of the Middle Ages (exclusive of Chaucer) together with the changing language. Prereq., 12 hrs. Daily, 10:30.

395. THESIS (4-8) The staff
 Prereq., permission. Hours as arranged.

FINANCE—See Commerce

FINE ARTS

DRAMATIC ART

3. PUBLIC SPEAKING (2) Batcheller
 Practice in presenting short informative, entertaining, persuasive speeches; emphasis upon intellectual and emotional adjustments to speaking situations. M W F, 8:10.

15. VOICE AND DICTION (2) Batcheller
 Special attention to phrasing, intonation, pronunciation, minor speech difficulties. Individual guidance. Recordings. Fee, \$2.
 Sec. 1—M W F, 7:00.
 Sec. 2—M W F, 9:20.
 Sec. 3—M W F, 11:40.

17. INTRODUCTION TO THE FINE ARTS (2) Seigfried
Analysis of the form, media, and content of the major arts stressing inter-relationship of the fine arts through recognition of common art factors. M W F, 9:20.

124. MECHANICAL SPEECH AIDS (3) Batcheller
Sound systems, radio recording apparatus, microphone techniques, and program construction for intra-school and extra-school and community broadcasting. M W F, 10:30; 2 hrs. arranged.

147. THEATRE LABORATORY (1-2) Dawes
Participation in the production process connected with plays presented by the University Theatre. Rehearsal, performance, and technical work connected with theatrical production. Prereq., permission. Hours as arranged.

162h. TEACHING OF HIGH SCHOOL DRAMATICS (2) Dawes
(Same as Ed. 162h) Producing plays in high school; the dramatic club. Prereq., 4 hrs., 12 hrs. English, or permission for teachers. M W F, 11:40.

195. PRINCIPLES OF SPEECH CORRECTION (3) Visiting Lecturer
Nature, symptoms, causes, etiology, and diagnosis of disorders of speech and voice. Clinical practice in the correction of speech anomalies. Prereq., 6 hrs., Psych. 1 or 5, or permission. M W F, 9:20.

225. PROBLEMS IN SPEECH CORRECTION (2-3) Visiting Lecturer
Case symptoms characteristic of major deviations from accepted speech; current remedial techniques. Prereq., 12 hrs. Hours as arranged.

381. RESEARCH IN THEATRE PRACTICE (1-6) Dawes
Specific phases of the production process. Directed experimentation in theatrical techniques. Prereq., 18 hrs., or 12 hrs. and examination. Hours as arranged.

393. SEMINAR IN PRODUCTION PROBLEMS (2-3) Dawes
Discussions include pageantry, community and church theatres, educational dramatics, and dramatic criticism. Prereq., 15 hrs. Hours as arranged.

395. THESIS (4-8) The staff
Prereq., permission. Hours as arranged.

MUSIC

APPLIED MUSIC

PIANO

Private instruction in pianoforte according to the individual ability of the student. One or two lessons a week. Fee, one lesson a week, \$7.50; two lessons, \$12. Practice room fee, \$2. Hours as arranged.

STRINGED INSTRUMENTS

Private instruction in orchestral stringed instruments according to the individual ability of the student. One or two lessons a week. Fee, one lesson a week, \$7.50; two lessons, \$12. Practice room fee, \$2. Hours as arranged.

VOICE

Private instruction in voice according to the individual ability of the

(1/2-1) Fontaine

(1/2-1) Kinney

(1/2-1) Robinson, Peterson

student. One or two lessons a week. Fee, one lesson a week, \$7.50; two lessons, \$12. Practice room fee, \$2. Hours as arranged.

SUMMER SESSION CHORUS

(1) Robinson

Open to anyone who is qualified vocally to participate. Program material includes chorales, madrigals, and other choral forms. T Th, 7, 8 p.m.

333. PIANO

(1) Fontaine

Fee, \$15 per credit hour. Prereq., 14 hrs. or the equivalent, and permission. Hours as arranged.

APPRECIATION AND HISTORY

17. INTRODUCTION TO THE FINE ARTS

(2) Seigfred

Analysis of the form, media, and content of the major arts stressing inter-relationship of the fine arts through recognition of common art factors. M W F, 9:20.

212. MUSIC HISTORY

(2) Peterson

The development of instrumental music from the monadic period to the twentieth century era. Prereq., 6, 12, and 120. M W F, 11:40.

THEORY

113-114.* ANALYSIS AND FORM

(2) Robinson

Prereq., 106. M W F, 8:10.

213. ORCHESTRATION

(2) Kinney

Prereq., 114, 134. M W F, 10:30.

284. RESEARCH IN MUSIC

(2) Fontaine

Prereq., 30 hrs. or equivalent; 12 hrs. of English. M W F, 11:40.

SCHOOL MUSIC

1. MUSIC LITERATURE AND APPRECIATION

(2) Danielson

A general orientation course to meet the needs of the classroom teacher in elementary education. Daily, 10:30.

2. MUSIC FUNDAMENTALS

(2) Thackrey

A course involving theory, ear training, tone production, and sight singing of unison and part-songs. Prereq., 1. Daily, 9:20.

125. MUSIC APPRECIATION FOR GRADE TEACHERS

(2) Maaser

Experience in hearing and indentifying music; appreciation material and effective methods for its presentation. Sec. 1—M W F, 8:10. Sec. 2—M W F, 9:20.

166d. TEACHING OF DANCES AND GAMES

(1) Danielson

(Same as Ed. 166d) T Th, 8:10.

166e. TEACHING OF MUSIC IN ELEMENTARY GRADES

(2) Danielson

(Same as Ed. 166e) Prereq., 2. Fee, \$1. M W F, 11:40.

264. PRACTICAL ACOUSTICS FOR THE MUSIC TEACHER

(2) Thackrey

Prereq., 104, E.E. 205, 3 hrs. piano, and 3 hrs. voice. M W F, 8:10.

*The course in greater demand will be given.

361. PROBLEMS IN THE SUPERVISION OF MUSIC (2) Danielson
 Prereq., 166f, 166j, 127, 131; 2 hrs. observation; 4 hrs. student teaching.
 M W F, 9:20.

395. THESIS (4-8) The staff
 Prereq., permission. Hours as arranged.

PAINTING AND ALLIED ARTS

DESIGN (Theory and Practice)

3. THE ARTS FOR ELEMENTARY TEACHERS (2) Bedford
 Problems involving elementary principles. Planned for students who expect to major in elementary education. 2 lec. and 6 lab. T Th, 8:10, 9:20, and hours as arranged.

103. PRACTICAL DESIGN (2) Bedford
 Emphasis on application of principles to marionettes, toys, weaving, cardboard construction, clay modeling. 2 lec. and 6 lab. Fee, \$2. M W F, 1:30, 2:40, and hours as arranged.

160c. TEACHING OF DESIGN FOR EARLY CHILDHOOD (1) Leonard
 (Same as Ed. 160c) 4 lab. Prereq., 3. M T Th F, 7:00.

160g. TEACHING OF DESIGN FOR INTERMEDIATE AND HIGHER GRADES (1) Leonard
 (Same as Ed. 160g) 4 lab. Prereq., 3. M T Th F, 11:40.

249. ART SUPERVISION AND CURRICULA (2) Leonard
 (Same as Ed. 249) Art objectives. Projects in teaching and supervision in various types of schools and suggestions for growth toward the ideal situation. Prereq., 160h. T Th, 1:30, 2:40.

281. RESEARCH IN DESIGN (1-5) The staff
 3-15 lab. Prereq., 15 hrs, and permission. Hours as arranged.

HISTORY AND APPRECIATION

17. INTRODUCTION TO THE FINE ARTS (2) Seigfried
 Analysis of the form, media, and content of the major arts stressing inter-relationship of the fine arts through recognition of common art factors. M W F, 9:20.

125. THE ARTS IN EVERYDAY LIFE (2) Bedford
 Planned to help the student appreciate and select the best articles available for the home, costume, etc., according to their functional qualities. M W F, 7:00.

157. APPRECIATION OF THE SPACE ARTS (1) Bedford
 Appreciative study of line, mass, color, and form through design, architecture, sculpture, and painting. T Th, 11:40.

203. ITALIAN RENAISSANCE PAINTING (3) Mitchell
 The development of painting in Italy during the Renaissance from the

early Florentine school through the sixteenth century. Prereq., 8 hrs. including 22. M W F, 1:30, 2:40.

DRAWING AND PAINTING

205. PAINTING (3) Mitchell
Practical applications of theories and methods of representation in color mediums. 18 lab. Prereq., 12 hrs. including 76. Hours as arranged.

241. ADVANCED PAINTING (3) Mitchell
Practical problems involving advanced techniques. 18 lab. Prereq., 205 or 206. Hours as arranged.

257. LANDSCAPE PAINTING (3) Mitchell
18 lab. Prereq., 206 and permission. Hours as arranged.

331. PICTORIAL COMPOSITION (3) Mitchell
18 lab. Prereq., 206 and permission. Hours as arranged.

393. SEMINAR IN PAINTING (1-5) The staff
Prereq., 831 or permission. Hours as arranged.

395. THESIS (4-8) The staff
Prereq., permission. Hours as arranged.

FRENCH—See Romance Languages

GEOGRAPHY AND GEOLOGY

GEOGRAPHY

102. GEOGRAPHY OF NORTH AMERICA (3) Cooper
The geography of the natural resources of the continent and the geographic influences which affect them. Daily, 10:30.

131. GEOGRAPHY OF OHIO (2) Cooper
The geography of Ohio is developed from the regional point of view and by the problem method. M W F, 7:00.

132. CONSERVATION OF NATURAL RESOURCES (3) Meyer
A study of the problems of the conservation of soils, minerals, forests, wild life, and inland waters. Field trips. Daily, 9:20.

150. GEOGRAPHY AND ENVIRONMENT (3) Cooper
Advanced principles of geography which have to do with man and his geographic environment. Not open to students who have had Geog. 4. Daily, 8:10.

175. ELEMENTARY METEOROLOGY (3) Meyer
Fundamentals of the weather elements such as temperature, pressure, moisture, winds, etc., and the nature and behavior of storms. Fundamentals of air mass analysis. Weather map interpretation and construction. The Weather Bureau and its work. Special emphasis on aeronautical phases. Prereq., Math. 5., or permission. Fee, \$3. Daily, 8:10, 1 hr. arranged.

210. POLITICAL GEOGRAPHY

(3) Meyer

Geography of international and state boundary lines, colonial policies, and international relations. Prereq., 6 hrs., or 3 hrs., and 6 hrs. history. Daily, 11:40.

280. RESEARCH IN GEOGRAPHY

(1-4) The staff

Prereq., 15 hrs. Hours as arranged.

GERMAN

1s-2s. BEGINNING GERMAN

(6) Krauss

Drill in pronunciation, grammar, reading, translation, conversation. Students who have had Ger. 1, Ger. 1s, or 1 yr. high school German should register for Ger. 2s.

Ger. 1s (3) First four weeks. Daily, 8:10, 9:20.

Ger. 2s (3) Second four weeks. Daily, 8:10, 9:20.

100. INTERMEDIATE GERMAN

(3) Krauss

Grammar review, conversation, varied readings. Some scientific German read on request. Either semester of second-year German may be taken before or after Ger. 100 without duplication. Prereq., 2 or 2 yrs. high school German. Daily, 10:30.

221. CONTEMPORARY GERMAN SHORT STORY

(2) Krauss

Reading and discussion of modern German short stories of highest literary value. Prereq., 102. Hours as arranged.

GOVERNMENT

1. AMERICAN GOVERNMENT

(3) Morrison

The National Government of the United States. Origin of the Federal Government, the national party system, powers and duties of the departments, independent and emergency services, and participation in the present World War. Daily, 8:10.

2. AMERICAN GOVERNMENT

(3) Visiting Lecturer

The state and local governments. The constitutional position of the states, organization and administration of state and local governments, inter-state relations, federal aid to states, responsibility of citizens, and state and local participation in the present World War. Daily 7:00.

105. CURRENT POLITICAL AND SOCIAL PROBLEMS

(2) Visiting Lecturer

A consideration of current problems of a political, social, and economic nature, with their relations to the present World War, to develop an understanding of what is happening and to establish the habit of reading regularly newspapers and periodicals. M W F, 9:20.

203. MUNICIPAL GOVERNMENT

(3) Visiting Lecturer

Development of community citizenship through an understanding of the political organization and processes of municipal government; the relation of city government to the federal, state, and other local governments; the contribution of the city to the conduct of the war. Prereq., 6 hrs. Daily, 10:30.

301. PROBLEMS IN GOVERNMENT (1-3) Visiting Lecturer
 Prereq., 15 hrs. Hours as arranged.

395. THESIS (4-8) Visiting Lecturer
 Prereq., permission. Hours as arranged.

HISTORY

1, 2. A SURVEY OF EUROPEAN CIVILIZATION (3) Eckles, Volwiler
 Development since the decline of the Roman Empire.
 Hist. 1—Daily, 8:10 (Eckles).
 Hist. 2—Daily, 7:00 (Volwiler).

III. HISTORY OF UNITED STATES SINCE 1865 (3) Hoover
 Daily, 10:30.

132. HISTORY OF OHIO (2) Hoover
 M W F, 8:10.

169h. TEACHING OF HISTORY AND CIVICS IN JUNIOR AND SENIOR HIGH SCHOOLS (2) Morrison
 (Same as Ed. 169h) M W F, 11:40.

206. ENGLISH HISTORY SINCE 1815 (2) Eckles
 Prereq., 6 hrs. M W F, 11:40.

213. EUROPE IN THE TWENTIETH CENTURY (3) Eckles
 In this course will be offered the background of World Wars I and II, with an intensive study of the present war. Prereq., 6 hrs. Daily, 10:30.

236. REVOLUTIONARY ERA (3) Hoover
 An intensive study of the period in the United States from 1763 to 1789. Prereq., 6 hrs. including 110, or permission. Daily, 9:20.

256. THE EMERGENCE OF MODERN UNITED STATES, 1877-1900 (3) Volwiler
 An intensive study of United States history from 1877 to 1900. Prereq., 6 hrs., including 111 or permission. Daily, 8:10.

301. HISTORIOGRAPHY AND METHODOLOGY (2-3) Volwiler
 Historical technique and thesis writing. Required of graduate history majors. Prereq., 15 hrs. Hours as arranged.

391. SEMINAR IN HISTORY (2-3) Morrison
 Original research, reports, and discussion. Required of graduate history majors. Prereq., 15 hrs. and permission. Hours as arranged.

395. THESIS (4-8) The staff
 Prereq., permission. Hours as arranged.

HOME ECONOMICS

I. CLOTHING SELECTION AND CONSTRUCTION (3) Lagerstrom
 Factors entering into a wise choice of clothing for the family. Princi-

ples of construction practiced in the making of simple garments of cotton and wool. 1 lec. and 8 lab. Fee, \$3. M T Th F, 9:20, 10:30; W, 9:20.

55. HOUSEHOLD ARTS FOR THE ELEMENTARY SCHOOL (2) Lagerstrom

Choice of clothing, modification of surroundings, selection and buying of food. Practical application to elementary school. 2 lec. and 2 lab. Fee, \$2. M F, 11:40; W, 10:30, 11:40.

105. HOUSEHOLD EQUIPMENT (3) Lagerstrom

Selection of household equipment as affected by economic and social factors. Operation, care, and storage of equipment in the home. 3 lec. and 4 lab. M W F, 7:00; T Th, 7:00, 8:10.

200. PROBLEMS IN HOME ECONOMICS (1-8) The staff

Students are required to plan and complete a problem in one of the specialized fields of home economics. Prereq., 6 hrs. and junior rank. Hours as arranged.

222. EXPERIMENTAL COOKERY (3) Steininger

Literature dealing with research in the field of cookery. Individual and group experiments on selected problems. 2 lec. and 6 lab. Prereq., 21 and 3 hrs. organic chemistry. Fee, \$3. M W F, 7:00, 8:10; T Th, 8:10.

227. QUANTITY COOKERY (3) Harger

The planning, preparing, and serving of foods in large quantities for residence halls, school lunch rooms, cafeterias, and school banquets. 3 lec. and 4 lab. Prereq., 21 and 105. M W F, 10:30; T Th, 10:30, 11:40.

228. RECENT DEVELOPMENTS IN FOOD AND NUTRITION (3) Steininger

Reports, discussion, and reviews of scientific literature. Prereq., 225. Daily, 11:40.

251. HOME MANAGEMENT (2) Harger

The economic use of time, energy, and money in the successful functioning of homes at various income levels. Prereq., for undergraduate credit, 21 and 105, or 6 hrs. soc.; for graduate credit, 21 and 105. M W F, 8:10.

253. HOME MANAGEMENT LABORATORY (2) Harger, Patterson

Residence in the home management house provides managerial experience in the use of time, energy, and money in the modern household. Prereq., 21, 105, and permission. Fee, lab. \$60 (includes board and room). Hours as arranged.

254. HOME ECONOMICS IN ADULT EDUCATION (3) Patterson

Organization procedures, curriculum materials, and methods of conducting adult education groups. Prereq., 251 and 253, 271 or 272, and 10 hrs. education or psychology. Daily, 10:30.

272. CHILD DEVELOPMENT (2) Snyder

The child's mental, social, and emotional development; parental responsibility and techniques for guidance. 2 lec. and 4 hrs. nursery school observation. Prereq., 21, 1 or 110, or 6 hrs. psychology. T Th, 7:00 and 4 hrs. arranged between 8:00 and 11:00.

273. FAMILY RELATIONSHIPS

(3) Patterson

The functioning of the successful family and the factors that affect its establishment and maintenance. Prereq., 251, 272, 3 hrs. sociology, and 3 hrs. psychology. Daily, 9:20.

351. SPECIAL PROBLEMS IN HOME ECONOMICS

(2-8) The staff

Students select, plan, execute, and test the results of individual problems of research. Prereq., 18 hrs. Hours as arranged.

379. SPECIAL PROBLEMS IN CHILD DEVELOPMENT

(2-6) Snyder

An intensive study of a phase of child development or a problem in child guidance. The nursery school may be used as a laboratory if desired. Prereq., 272. Hours as arranged.

395. THESIS

(4-8) The staff

Prereq., permission. Hours as arranged.

INDUSTRIAL ARTS**1. WOODWORKING I**

(3) Paige

The basic course in woodworking. Projects, illustrating various methods of wood fabrication, are planned and constructed. 2 lec. and 8 lab. Fee, \$3. Daily, 7:00, 8:10.

2. WOODWORKING II

(3) Paige

Emphasis is placed on care and operation of woodworking machinery. Projects of cabinet type are planned and constructed. 2 lec. and 8 lab. Prereq., 1. Fee, \$3. Daily, 7:00, 8:10.

7. METALS I—SHEET METAL

(3) Visiting Lecturer

Laboratory work consists of fabricating sheet metals. Lecture discussions deal with mining and manufacturing of sheet metals, solders, etc. 2 lec. and 8 lab. Fee, \$3. Daily, 10:30, 11:40.

8. ORIENTATION IN INDUSTRIAL ARTS

(1) Clausen

Laboratory course of brief experiences with materials, tools and processes, planning, and finishing; helps student consider teaching industrial arts as a profession. 4 lab. Fee, \$1. T Th, 10:30, 11:40.

9. CRAFT AND HOBBY WORK

(2) Paige

Work in wood, iron, brass, copper, leather, reed, plastics, fibers, and other materials is offered. 6 lab. Fee, \$2. M W F, 9:20, 10:30.

11. GRAPHIC ARTS I

(3) Clausen

Introduction to methods of duplicating; includes study of mimeograph, gelatin duplicator, silk-screen printing, photography, block printing, etching, etc. 2 lec. and 8 lab. Fee, \$3. Daily, 8:10, 9:20.

109-110. WOODWORKING IV AND V

(3) Paige

Study of advanced machine woodworking; its application to housing and industrial uses; projects of advanced cabinet construction and production work. 2 lec. and 8 lab. Prereq., 2. Fee, \$3. Daily, 7:00, 8:10.

122. ELEMENTARY INDUSTRIAL ARTS

(1) Visiting Lecturer

Designed to give simple, necessary skills, desirable for elementary teachers; woodworking and metalworking hand tools used. 2 lec. and 2 lab. Prereq., elementary teaching majors only. Fee, \$1. T Th, 8:10, 9:20.

124. METALS II—MACHINE SHOP

(2) Clausen

Shaping of metal by use of drill press, engine lathe, shaper, milling machine, and grinders; includes care and upkeep of these machines. 2 lec. and 4 lab. Fee, \$2. M W F, 10:30, 11:40.

125. METALS III—ADVANCED METALWORKING

(2) Visiting Lecturer

Includes advanced work with machines used in courses 7 and 124; also, work in electric arc welding and oxyacetylene welding. 9 lab. Prereq., 7, 124. Fee, \$2. M W F, 7:00, 8:10 and 3 hours arranged.

141. GRAPHIC ARTS II

(3) Clausen

Consists of learning the case, composition of straight matter, pulling and correcting proofs, imposition, distribution, and platen press work. 2 lec. and 8 lab. Prereq., 11. Fee, \$3. Daily, 8:10, 9:20.

142. GRAPHIC ARTS III

(3) Clausen

Deals with papers and paper making, ink, care of supplies, designing and setting display work, stereotype mats and castings, the off-set process, and press work. 2 lec. and 8 lab. Prereq., 141. Fee, \$3. Daily, 8:10, 9:20.

147. GRAPHIC ARTS IV

(3) Clausen

Deals with the problems that are encountered in a commercial printing shop. 10 lab. Prereq., 142. Fee, \$3. Daily, 8:10, 9:20.

209. PRACTICUM IN GENERAL SHOP

(2) Paige

An advanced course in techniques designed to unify previous experiences in the specialty laboratories. 2 lec. and 4 lab. Prereq., 1, 7, 124, 141, and senior rank. Fee, \$2. M W F, 9:20, 10:30.

212. EQUIPMENT AND ORGANIZATION IN INDUSTRIAL ARTS LABORATORIES

(2) Visiting Lecturer

Study of selection of tools and equipment, arrangement in the laboratory, and selection and handling of supplies. Prereq., 1, 7, 141, and senior rank. M W F, 9:20.

228. SPECIAL PROBLEMS IN INDUSTRIAL ARTS

(3) The staff

Students select problems for investigation, involving experimentation as well as reading. Emphasis on solution of problem rather than on the report. Prereq., senior rank. Hours as arranged.

350. ADVANCED WOOD, METAL, OR PRINTING

(3) The staff

Advanced laboratory work in wood, metal, or printing, and study of industrial practices in field selected. Term paper required. Prereq., 8 hrs. in one field. Fee, \$3. Hours as arranged.

381. RESEARCH IN INDUSTRIAL ARTS

(3-6) Clausen

A study of techniques of research and of the reporting of results of research. Prereq., 15 hrs. Daily, 7:00.

391. SEMINAR IN INDUSTRIAL ARTS EDUCATION (1-6) Paige
 Reports on recent books and magazine articles, and reports based on original research will be given and discussed. Prereq., 15 hrs. Daily, 11:40.

395. THESIS (4-8) The staff
 Prereq., permission. Hours as arranged.

JOURNALISM

103. NEWS WRITING (2) Lasher
 Grammar of the sentence and diction as bases for clear, concise, effective writing. Designed for teachers and as a foundation for journalism courses. Prereq., Eng. 2 or 4. M W F, 11:40.

107. NEWSPAPER REPORTING (3) Kelly
 Gathering material and writing news narratives, interviews, reports of speeches; follow-up, re-write and human interest stories, and specialized news. Prereq., 103 or with 103. Daily, 10:30.

110. WRITING FOR PUBLICATION (2) Kelly
 Elementary techniques of writing news and feature stories to publicize school, social service, and other activities; methods of securing publication. Not open to journalism students. Prereq., Eng. 2 or 4. M W F, 9:20.

111. REPORTING PRACTICE (2-6) Smiley
 Students are assigned to general reporting on *The Athens Messenger* covering definite news beats as well as special assignments. Prereq., 107 and permission. Daily, hours as arranged.

121. EDITING PRACTICE (2-6) Harris
 Students are assigned to copyreading on *The Athens Messenger* handling local, correspondence, and wire copy and working out make-up problems. Prereq., 117 and permission. Daily, hours as arranged.

201. ADVANCED REPORTING (2) Smiley, Kelly
 Experience at *The Athens Messenger* in some specialized field in which the student is doing research. Prereq., 6 hrs. in 111 and permission. Daily, hours as arranged.

LATIN—See Classical Languages

LIBRARY—See Education (143)

MANAGEMENT—See Commerce

MARKETING—See Commerce

MATHEMATICS

5. FRESHMAN MATHEMATICS (5) Osgood
 Review of high school algebra, college algebra, trigonometry, and logarithms. Prereq., 3, or 1 yr. high school algebra and 1 yr. high school geometry. M T W Th, 9:20, 10:30.

6. FRESHMAN MATHEMATICS

(5) Starcher

Solution of triangles, the straight line, the circle, the conic sections, polar coordinates, and a brief treatment of solid analytic geometry. Prereq., 5. M T W Th, 9:20, 10:30.

105. COLLEGE GEOMETRY

(3) Starcher

Problems of construction, loci, indirect methods, similar and homothetic figures, the triangle, medians, bisectors, altitudes, and transversals. Prereq., 6. Daily, 11:40.

168m. TEACHING OF MATHEMATICS IN HIGH SCHOOL

(3) Starcher

(Same as Ed. 168m) An analysis of the basic ideas of algebra and geometry. Methods of presenting topics in these subjects to high school students. Prereq., 6 and Psych. 5. Daily, 8:10.

395. THESIS

(4-8) Starcher

Prereq., permission. Hours as arranged.

MILITARY SCIENCE AND TACTICS

1-2. BASIC INFANTRY

(2) Garn, Sampselle, Jones

Orientation: National Defense Act, ROTC; obligations of citizenship; military history and policy; military discipline; courtesy and customs of service; military sanitation and first aid; military organization (general); organization of infantry; characteristics of infantry weapons; rifle marksmanship; technique of fire; leadership (infantry drill); physical training. 5 hrs. a week. Fee, \$2.50 for incidental expenses.

101-102. BASIC INFANTRY

(2) Snyder, French

Weapons: automatic rifle; map reading; combat training; scouting and patrolling; tactics of the rifle and automatic rifle squads in attack, defense, and security; leadership (close and extended order drill); physical training. 5 hrs. a week. Prereq., 2.

121-122. ADVANCED INFANTRY

(3) Golden

Aerial photograph reading; care and operation of motor vehicles; defense against chemical warfare; administration; interior guard duty; infantry weapons (cal. .30 light machine guns; cal. .30 heavy machine guns; 60 mm. mortar; 81 mm. mortar; 37 mm. anti-tank guns; automatic pistol; review of rifle marksmanship). Combat training: tactics of the platoons of the rifle company and heavy weapons company in attack, defense, and security; hasty field fortifications. 5 hrs. a week, additional 3 hrs. a week during outdoor drill period. Prereq., 102.

151-152. ADVANCED INFANTRY

(3) Churchill

Military history and policy; military law; property, procurement, and funds; mess management; methods of instruction (theoretical and practical). Combat training: tactics of the rifle company and heavy weapons company in attack, defense, and security; anti-aircraft defense; anti-tank defense; the employment of tanks and associated arms; military intelligence; infantry signal communications. Leadership: principles and practical application of company, battalion, and regimental officers. 5 hrs. a week, additional 3 hrs. a week during outdoor period. Prereq., 122.

MUSIC—See Fine Arts

PAINTING AND ALLIED ARTS—See Fine Arts

PHILOSOPHY

87. ELEMENTARY ETHICS (2) Martin
Studies the main influences which affect behavior. Considers contemporary personal and social problems from ethical viewpoint. Introduction to an ethical philosophy of life. M W F, 8:10.

105. BRIEF INTRODUCTION TO PHILOSOPHY (2) Gamertsfelder
The underlying principles of knowledge as found in sciences, morals, religion, and art. The basic ideas for forming a philosophy of life. Not open to those who have had Phil. 103. M W F, 9:20.

117. SOCIAL AND POLITICAL PHILOSOPHY (2) Martin
Issues of the present war are discussed in light of the social philosophies now dominant in Germany, Japan, and Russia. Compares the principles and procedures of liberal democracy, and studies America's place in world affairs. M W F, 11:40.

210. MINOR STUDIES IN PHILOSOPHY (1-3) The staff
A critical study of selected types of philosophy, or an investigation of minor problems in the history of philosophy. Prereq., 6 hrs. and permission. Hours as arranged.

395. THESIS (4-8) The staff
Prereq., permission. Hours as arranged.

PHYSICAL WELFARE

MEN

6. PHYSICAL ACTIVITIES (1) Rhoads
Practical tests in skill and physical efficiency. Required of all majors and minors as a basis for the required courses in physical activities. Fee, \$1. Daily, 9:20.

101. SPORTS (1) Bird
Students may elect activities according to their interests. Prereq., 2 or 10. Fee, \$1. Daily, 10:30.

127. FIRST AID (2) Herbert
The treatment of emergencies and accidents in the home, on the street, in vocational pursuits, and on the athletic field. The American Red Cross First Aid Certificate is given to those who pass the required examination. M W F, 11:40.

167e. COACHING OF BASKETBALL (2) Trautwein
(Same as Ed. 167e) First four weeks. T Th, 1:30 to 4:50.

167f. COACHING OF FOOTBALL (2) Peden
(Same as Ed. 167f) Prereq., junior rank. First four weeks. M W F, 1:30, 2:40.

171. PHYSICAL ACTIVITIES

(1) Nessley

Advanced practice in tumbling and apparatus. Some attention to pyramids, the physical education circus, and demonstration. Prereq., 121, 122. Fee, \$1. Daily, 8:10.

MEN AND WOMEN**22. PERSONAL AND PUBLIC HEALTH**

(3) Nessley

Provides a knowledge of the hygienic practices and an appreciation of the means whereby the health of the individual and of the group may be maintained. Daily, 9:20.

35. SOCIAL AND COUNTRY DANCING

(1) Marting

A recreational course for students who wish to learn how to dance. Fee, \$1. Daily, 3:00 to 4:00.

133. THEORY OF ADAPTED ACTIVITIES

(2) Keyser

The organization of programs specifically adapted to the needs of physically handicapped individuals. The abnormal conditions of neuromuscular hypertension, weak feet, infantile paralysis, scoliosis, cardiac defects, dysmenorrhea, post operative cases, etc., are described and therapeutic measures evaluated. Prereq., 152. M W F, 8:10.

153. NATURE AND FUNCTION OF PLAY

(2) Bird

Play programs for schools, recreation centers, playgrounds, and scouting. Prereq., 6 hrs. M W F, 8:10.

167p TEACHING OF PHYSICAL WELFARE

(1) Rhoads

(Same as Ed. 167p) Physical education for elementary and secondary schools. Not required of majors. T Th, 8:10.

175. CIVILIAN DEFENSE

(2) Bird

A course dealing with the part the civilian is expected to play in the protection of life and property. The following subjects will be discussed: blackouts, bomb disposal, bomb and gas shelters, communication, espionage, first aid, fire defense, industrial plant protection, police and guards, protection of supplies and equipment, sabotage, war gas defense and protection, war gas decontamination. M W F, 7:00.

204. PRINCIPLES OF PHYSICAL WELFARE

(2) Rhoads

Physical education in our modern program of education, its relationship to recreation and health education, and its contribution to living. Curriculum construction in the elementary and secondary schools. Prereq., 16 hrs. M W F, 8:10.

206. ORGANIZATION AND ADMINISTRATION OF PHYSICAL WELFARE

(2) Bird

Physical and health education in elementary and secondary schools, normal schools, and colleges. Athletic management, intramural activities, interscholastic and intercollegiate athletics. Prereq., 16 hrs. M W F, 9:20.

209. PHYSICAL ACTIVITIES TESTS

(2) Nessley

A theoretical and practical study of available tests and measurements. Tests and measurements are analyzed to determine their place, use, and possibilities in the physical welfare program. Prereq., 10 hrs. Fee, \$1. M W F, 10:30

249. COMMUNITY RECREATION

(2) Nessley

A course for leaders and those interested in guiding leisure time programs. Topics include: brief history of the play movement, programs and program making, general administration of playgrounds, community centers, and activities. Prereq., 10 hrs. including 153. Fee, \$1. M W F, 11:40.

352. PHYSICAL DIAGNOSIS

(3) Rose

A study of the fundamental deficiencies and defects characteristic of children that handicap normal physical, mental, and social development. A study of the techniques in conducting health examinations, clinical service, etc. Prereq., 15 hrs. Hours as arranged.

391. SEMINAR IN PHYSICAL WELFARE

(3) Bird

For students who desire to pursue special research or investigation in physical welfare. Reviews of current literature and discussions of physical activities. Prereq., 15 hrs. T Th, 7:00 to 10:00 p.m.

395. THESIS

(1-8) The staff

Prereq., permission. Hours as arranged.

WOMEN

1. TENNIS

(1) Marting

Fee, \$1. Daily, 10:30.

1. BADMINTON

(1) Keyser

Fee, \$1. Daily, 11:40.

2. TENNIS

(1) Marting

Fee, \$1. Daily, 11:40.

3. BEGINNING SWIMMING

(1) Wilson

For non-swimmers. Fee, \$1. Daily, 10:30.

3. BEGINNING SWIMMING

(1) Wilson

For non-swimmers. Fee, \$1. Daily, 11:40.

4. INTERMEDIATE SWIMMING

(1) Wilson

Prereq., 3 or equivalent experience in swimming. Fee, \$1. Daily, 2:00 to 3:00.

9. ADAPTED ACTIVITIES

(1) Keyser

For students with postural defects and students whose activities must be restricted because of health. Fee, \$1. Daily, 2:00 to 3:00.

27. FUNDAMENTAL RHYTHMS

(1) Marting

Materials for various rhythmic activities at different grade levels. The activities and methods are adapted to meet the needs of the group. Fee, \$1. Daily, 2:00 to 3:00.

127. FIRST AID

(2) Keyser

Consideration is given to theory and practice of first aid and massage. Some emphasis is placed upon the treatment of athletic injuries. Students are eligible to take the American Red Cross First Aid Instructor's Examination. M W F, 7:00.

167b. TEACHING OF COACHING

(2) Wilson

(Same as Ed. 167b) Theory and practice of coaching volleyball, baseball, track and field activities. M W F, 9:20.

PHYSICS

I. THE PHYSICAL WORLD

(3) Edwards

A study that acquaints the student in an elementary way with the principles underlying the physical world. Fee, \$3. M W F, 7:00, 4 hrs. lab. arranged.

6. INTRODUCTION TO PHYSICS

(4) Edwards, Roseberry

Sound, electricity, light. A course for nontechnical and premedical students. Fee, \$4. Daily, 8:10, 4 hrs. lab. arranged.

168p. TEACHING OF PHYSICS

(2) Edwards

(Same as Ed. 168p) Objectives, selection of subject matter and laboratory work, and order and method of treatment. Prereq., one course in physics. M W F, 10:30.

205.* LIGHT: INTRODUCTION TO PHYSICAL OPTICS

(2) Roseberry

The elementary theory of interference, polarimetry, and special topics of physical optics. Prereq., 113, 114. Hours as arranged.

206.* EXPERIMENTAL PHYSICAL OPTICS

(1) Roseberry

Practical experimental laboratory to accompany Phys. 205. Michelson interferometer, diffraction grating, spectrometer, polarimeter. Prereq., 113, 114. Fee, \$1. Hours as arranged.

214.* MODERN SPECTROSCOPY

(3) Roseberry

The principles and practical application of spectroscopy, with underlying theory. Prereq., 113, 114. Hours as arranged.

226. ADVANCED PHYSICS LABORATORY

(1-3) Roseberry, Edwards

(a) Mechanics and Heat, (b) Electricity and Magnetism, (c) Advanced Optics, (d) Electronic Physics, and (e) Sound. Prereq., 113, 114, Math. 118. Fee, \$1 for each credit hour. Hours as arranged.

249. INTRODUCTION TO MODERN PHYSICS

(2) Edwards

This course introduces the quantum theory, corpuscular radiations, spectra of hydrogen and ionized helium, X-ray and optical spectra. Prereq., Math. 118. Hours as arranged.

395. THESIS

(4-6) The staff

Prereq., permission. Hours as arranged.

PSYCHOLOGY

I. GENERAL PSYCHOLOGY

(3) Scott

An elementary, scientific study of the most significant facts and principles of mental life. Fee, \$1. Daily, 9:20.

*205 and 206, or 214 will be given depending on demand.

3. CHILD PSYCHOLOGY

(3) Porter

Topics considered: sensory life of a child, emotions, curiosity, imagination, memory, imitation, language, art, and moral and religious development. Prereq., 1. Daily, 7:00.

5. EDUCATIONAL PSYCHOLOGY

(3) Porter

The nature and rate of the learning process. The influence upon learning efficiency of such factors as heredity and environment, maturation, emotion, motivation, etc. Prereq., 1. Fee, \$1. Daily, 9:20.

116. PSYCHOLOGY OF INDIVIDUAL DIFFERENCES

(2) Paulsen

The extent and the nature of individual differences, the influence thereupon of such factors as heredity, environment, race, nationality, age, and sex. Miscellaneous applications are also considered. Prereq., 1. M W F, 9:20.

203. MENTAL MEASUREMENTS

(3) Paulsen

The administration, methods, and results of individual and group intelligence tests. Prereq., 6 hrs. Fee, \$1. M W F, 10:30, 2 hrs. lab. arranged.

210. MENTAL HYGIENE

(3) Scott

The course aims to evaluate and synthesize information bearing upon mental health from the following fields: psychology, psychiatry, physiology, medicine, and sociology. Prereq., 6 hrs. other than 115. Daily, 10:30.

215. SOCIAL PSYCHOLOGY

(3) Paulsen

An introductory study of the mental-social relations between individuals, significance of instincts, habit formation, and reflection in human social life. Methods of investigating social behavior. Prereq., 6 hrs. Daily, 8:10.

217. THE PSYCHOLOGY OF PERSONALITY

(3) Scott

Influence of home and school on training and development of children's personality; also adult personality in business and social life. Prereq., 8 hrs. Daily, 11:40.

220. PERSONNEL AND VOCATIONAL COUNSELING

(2) Porter

Topics dealt with will bear upon personnel and vocational problems to be met in industrial, commercial, and school work. Prereq., 6 hrs. M W F, 11:40.

225. MINOR PROBLEMS IN PSYCHOLOGY

(1-6) The staff

Training in the scientific study of some problem of special interest to the student. Relatively independent work emphasized. Prereq., 8 hrs. and permission. Hours as arranged.

395. THESIS

(1-8) The staff

Prereq., permission. Hours as arranged.

ROMANCE LANGUAGES

FRENCH

1s. BEGINNING FRENCH

(3) Renkenberger

Drill in grammar and composition, with simple reading. Daily, 7:00.

100. INTERMEDIATE FRENCH

(3) Renkenberger

Review of grammar, composition, conversation, and varied readings. Prereq., 2, or 2 yrs. high school French. Daily, 8:10.

235. EIGHTEENTH CENTURY FRENCH LITERATURE

(1-3) Renkenberger

A study of the literature of France from 1715 to the French Revolution. Readings and reports, class discussions, and lectures. Prereq., 102. T Th, 11:40 and hours as arranged.

281. RESEARCH IN FRENCH LANGUAGE AND LITERATURE

(1-4) The staff

Subjects of investigation will be determined by students in conference with the instructor. Prereq., 14 hrs. beyond 102 and permission. Hours as arranged.

395. THESIS

(4) The staff

Prereq., permission. Hours as arranged.

SPANISH

1s. BEGINNING SPANISH

(3) Renkenberger

Drill in grammar and composition, with simple reading. Daily, 9:20.

1s-2s. BEGINNING SPANISH

(6) Ondis

Drill in grammar and composition, with emphasis on pronunciation and conversation. Students who have had Sp. 1, Sp. 1s, or 1 yr. high school Spanish should register for Sp. 2s.

Sp. 1s (3) First four weeks. Daily, 7:00, 8:10.

Sp. 2s (3) Second four weeks. Daily, 7:00, 8:10.

100. INTERMEDIATE SPANISH

(3) Ondis

Review of grammar with composition. The course fits the needs of those desiring either semester of second-year Spanish, and it may be taken either before or after Sp. 101 without duplication. Prereq., 2, or 2 yrs. high school Spanish. Daily, 9:20.

103. SPANISH CULTURE AND CIVILIZATION

(1) Ondis

The history, literature, and cultural development of Spain. Conducted in English. T Th, 11:40.

211. SPANISH AMERICAN LITERATURE

(2) Ondis

A survey of the literature of Spanish America to the present. Prereq., 102. M W F, 11:40.

395. THESIS

(4) The staff

Prereq., permission. Hours as arranged.

SECRETARIAL STUDIES—See Commerce

SOCIOLOGY

I. GENERAL SOCIOLOGY

(3) Oberdorfer

Elementary study of fundamental characteristics of culture and society; analysis of social groups, social institutions, social processes; nature of social change; sociology as a social science. Daily, 11:40.

101. PRINCIPLES OF SOCIOLOGY

(3) Jeddelloh

Basic facts and principles of human society; factors and forces conditioning social life; major concepts and techniques employed in sociological investigation and interpretation. Not open to students who have had Soc 1. Daily, 8:10.

103. SOCIAL CHANGE AND SOCIAL PROBLEMS

(3) Shannon

Survey of major social problems characteristic of a rapidly changing society; special emphasis on programs of social reorganization; the theory, methods, and tools of applied sociology. Not open to those who have had Soc. 2. Prereq., 3 hrs. Daily, 8:10.

107. EDUCATIONAL SOCIOLOGY

(3) Jeddelloh

The social nature and function of education; factors influencing social status and personalities of pupils; problem child in school; sociological aspects of learning, teaching, classroom organization, and curriculum; school and community. Laboratory work, field observations. Prereq., 3 hrs. Daily, 9:20.

110. PSYCHOLOGICAL FACTORS IN SOCIETY

(3) Oberdorfer

Social and cultural foundations of human personality. Analysis of role of language in behavior, prejudice, crowds, audiences, publics, fashion, public opinion, leadership, censorship, and propaganda. Prereq., 3 hrs. Daily, 9:20.

123. WAR AND SOCIAL CHANGE

(3) The staff

Transforming influence of war on social institutions and on social attitudes. An objective study of social dynamics and social trends and of the problems of postwar planning. Prereq., 6 hrs. Daily, 7:00.

208. MARRIAGE AND THE FAMILY

(3) Shannon

Institutional and human nature aspects of modern marriage and the family. Formation of personality in the parental family; courtship and marriage relations; family and marital disorganization; impact of social change on family. Prereq., 6 hrs. Daily, 10:30.

222. JUVENILE DELINQUENCY

(3) Jeddelloh

Factors associated with juvenile delinquency; characteristics of delinquents; juvenile court procedure; probation; correctional training in institutions; plans and programs for prevention of delinquency. Field contact, handling of realistic data. Prereq., 6 hrs. Daily, 11:40.

224. CHILD WELFARE

(3) Visiting Lecturer

Conditions and problems surrounding American children with special reference to legal enactments, agencies, institutions, and programs for care and protection. Prereq., 6 hrs. Daily, 7:00.

225. REGIONAL SOCIOLOGY

(3) Shannon

Contemporary American society and culture characteristics of major regions and subregions. Sociological and cultural factors determining regional diversity; problems of regional social planning. Prereq., 6 hrs. Daily, 9:20.

236. PROPAGANDA

(3) Oberdorfer

Methods and techniques of propaganda; its legitimate uses and its abuses; its relation to such social phenomena as stereotypes, sentiments, public opinion, social attitudes, and mass convictions. Prereq., 6 hrs. Daily, 8:10.

247a. VISITING TEACHER

(3) The staff

(Same as Ed. 247a) Introductory lecture, clinic, and field work course for experienced teachers. Functions of visiting teacher; analysis of social situations in home, community, and school tending to produce pupil maladjustment; diagnosis of personality difficulties; social case work techniques of interviewing, recording, diagnosing, and adjusting problem cases; major agencies in community dealing with maladjusted or underprivileged children. Observation, case study assignment at clinic, field practice. Prereq., 6 hrs., teaching experience, and permission. Fee, \$3. Daily, 10:30, clinic and field service as arranged.

253. INSTITUTIONAL SOCIAL SERVICE

(3) Jeddelloh

Interneship in correctional institutions and institutions for the care of children. The course includes training in staff duties at the institution. Pre-req., 12 hrs. and permission.

381. RESEARCH PROBLEMS IN SOCIOLOGY

(2-3) The staff

Prereq., 12 hrs. Hours as arranged.

395. THESIS

(1-8) The staff

Prereq., permission. Hours as arranged.

SPANISH—See Romance Languages**SPEECH—See Fine Arts (Dramatic Art)****STATISTICS—See Commerce, Education, and Mathematics****ZOOLOGY****3. GENERAL ZOOLOGY**

(3) Rowles

Organization and physiology of a typical animal. Review of invertebrate animals, including economic importance and life histories. 4 lec. and 4 lab. Fee, \$3. M T Th F, 7:00, 8:10.

4. GENERAL ZOOLOGY

(3) Gier

Review of arthropods and vertebrates; ecology, evolution, genetics. 4 lec. and 4 lab. Fee, \$3. Prereq., 3, or concurrent with 4. M T Th F, 9:20, 10:30.

103. READINGS IN BIOLOGY

(1) Gier

A course for students interested in advances in biological fact and thought, especially as applied to the field of human affairs. Prereq., 4 or high school biology. Fee, \$1. Conference Wednesday morning as arranged.

112. COMPARATIVE VERTEBRATE ANATOMY

(4) Elliott

A comparative study of the body systems of vertebrates, with laboratory work covering various type forms. Prereq., 4. Fee, \$5. Daily, 10:30, 11:40.

118. ORNITHOLOGY

(3) Gier

A general study of birds emphasizing their identification, migration, life histories, and economic value. Field trips are taken to identify the birds of the vicinity. 4 lec., 4 lab., and field work. Prereq., 4. Fee, \$3. M T Th F, 7:00, 8:10.

125. ELEMENTS OF PHYSIOLOGY

(4) Rowles

Digestion, metabolism, circulation, respiration, reproduction, and internal secretion. 4 lec. and 8 lab. Prereq., 4, or 3 and 6 hrs. home economics, organic chemistry desirable. Fee, \$4. Daily, 9:20, 10:30; W, 11:40; 1 hr. arranged.

128. HISTOLOGY

(4) Elliott

A study of the fundamental body tissues of vertebrates followed by a study of the histology of the various body systems. 4 lec. and 8 lab. Prereq., 112 or 113. Fee, lab. \$4, breakage \$5. Daily, 7:00, 8:10.

202. VERTEBRATE EMBRYOLOGY

(4) Elliott

All phases of vertebrate embryology are considered with particular emphasis in the laboratory on the chick and pig. 4 lec. and 10 lab. Prereq., 112. Fee, lab. \$5, breakage \$5. Daily, 8:10, 9:20; 4 hrs. arranged.

209. BIOLOGICAL CHEMISTRY

(4) Rowles

True and colloidal solutions; enzyme action; chemistry of digestion, metabolism; tests for foods, analysis of body fluids, faeces, selected tissues. 4 lec. and 8 lab. Prereq., 4 hrs. physiology and Chem. 113, 117, or 115, 119. Fee, lab. \$4, breakage \$5. Daily, 9:20, 10:30; T Th, 11:40.

234. AQUATIC MANAGEMENT

(3) Roach

A practical course dealing with the manipulation of the natural factors affecting a maximum sustained yield of our aquatic resources. 2 lec. and 8 lab. or field work. Prereq., 228 and 233. Fee, \$3. Hours as arranged.

243. BIOLOGICAL STUDIES

(2-3 in any division) The staff

Semi-independent studies in: (b) Ecology, Gier and Roach; (g) Physiogy, Rowles; (h) Readings, Gier; (j) Vertebrate Zoology, Elliott and Gier. Prereq., 10 hrs. and permission. Fee, \$1 for each credit hour. Hours as arranged.

383. MINOR RESEARCH IN BIOLOGY

(2-4 in any division) The staff

Research and semi-research in anatomy, ecology, embryology, ornithology, physiology, and vertebrate biology. Prereq., 15 hrs. and permission. Fee, \$1 for each credit hour. Hours as arranged.

385. RESEARCH IN BIOLOGY

(2-4 in any division) The staff

Anatomy, ecology, embryology, ornithology, physiology, vertebrate zoology. This course fulfills the thesis requirements. Prereq., 20 hrs. and permission. Fee, \$1 for each credit hour. Hours as arranged.

POST SUMMER SESSION

(August 7 to August 28, 1942)

BOTANY

101 or 102. GENERAL BOTANY

(3) Bickle

A course in systematic botany for advanced students beginning the subject. Not open to those who have credit in Bot. 2. Lecture and laboratory. Fee, \$3. (The course in greater demand will be offered.) Daily, 8:00 to 11:00.

COMMERCE

ADVERTISING

276. ADVERTISING AND SELLING POLICIES

(3) Krauskopf

A series of case studies illustrating the factors which determine promotion policies. Prereq., 155, Ec. 102, Mkt. 155. Daily, 8:00 to 11:00.

281. RESEARCH IN ADVERTISING

(2-8) Krauskopf

Prereq., 18 hrs. commerce including 5 hrs. advertising and permission. Hours as arranged.

MARKETING

281. RESEARCH IN MARKETING

(2-8) Krauskopf

Research methods, market data, and methods of conducting surveys. Prereq., 18 hrs. commerce including 5 hrs. marketing and permission. Hours as arranged.

EDUCATION

240. SCHOOL ADMINISTRATION

(3) Visiting Lecturer

The place of the Federal Government, state, county, and city in education; the superintendent and the organization and administration of the public school system. Prereq., 3 hrs. education and Psych. 5. Daily, 8:00 to 11:00.

255. PHILOSOPHY OF EDUCATION

(3) Visiting Lecturer

Attempts to determine the meaning of the terms philosophy and philosophy of education and to aid students to formulate their own philosophy of education. Prereq., 9 hrs. education. Daily, 8:00 to 11:00.

284. RESEARCH IN EDUCATION

(2-3) The staff

Students are directed in the investigation of selected phases of educational theory and practice. Prereq., 9 hrs. education and Psych. 5. Hours as arranged.

ENGLISH

214. AMERICAN PROSE FICTION

(3) Heidler

The development of the American novel from the colonial period to the present, with major emphasis upon late eighteenth century and nineteenth century productions. Prereq., 12 hrs. Daily, 8:00 to 11:00.

225. RECENT BRITISH AND AMERICAN POETRY

(3) Foster

A careful study of 10 or 12 authors who have made distinctive contributions to the poetry of England and America. Prereq., 12 hrs. Daily, 8:00 to 11:00.

FINE ARTS

PAINTING AND ALLIED ARTS

281. RESEARCH IN DESIGN

(1-5) The staff

3-15 lab. Prereq., 15 hrs. and permission. Hours as arranged.

GEOGRAPHY

214. FIELD GEOGRAPHY

(3) Dow

Two or three days of lecture on the campus and 18 to 20 days of study in the field. Relationships between the natural environment and the human adjustments thereto in the western part of the United States. Areas studied will include the Ozarks, Colorado, the Yellowstone, Glacier National Park, the Black Hills, and the Bad Lands. Regional treatments, field geography techniques, and a satisfactory written report are required.

Meals are to be secured individually en route. Club rates for lodging are available at good hotels and tourist camps averaging less than \$1.50 per person per day. The estimated total cost per person above registration fees is from \$100 to \$125. The trip is contingent upon a registration of 25 students. Prereq., 6 hrs. or permission.

HISTORY

270. THE FAR EAST

(3) W. J. Smith

A study of the history of China and Japan and their relations with other countries. Prereq., 6 hrs. Daily, 8:00 to 11:00.

JOURNALISM

III. REPORTING PRACTICE

(2-6) Smiley

Students are assigned to general reporting on *The Athens Messenger* covering definite news beats as well as special assignments. Prereq., 107 and permission. Daily, hours as arranged.

121. EDITING PRACTICE

(2-6) Harris

Students are assigned to copyreading on *The Athens Messenger* handling local, correspondence, and wire copy and working out make-up problems. Prereq., 117 and permission. Daily, hours as arranged.

201. ADVANCED REPORTING

(2) Smiley

Experience at *The Athens Messenger* in some specialized field in which the student is doing research. Prereq., 6 hrs. in 111 and permission. Daily, hours as arranged.

PSYCHOLOGY**203. MENTAL MEASUREMENTS**

(3) Gentry

The administration, methods, and results of individual and group intelligence tests. Prereq., 6 hrs. Fee, \$1. Daily, 8:00 to 10:00, lab. as arranged.

225. MINOR PROBLEMS IN PSYCHOLOGY

(1-3) Gentry

Training in the scientific study of some problem of special interest to the student. Relatively independent work emphasized. Prereq., 8 hrs. and permission. Hours as arranged.

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Ohio University
BULLETIN

OHIO UNIVERSITY BULLETIN

THE 1942 SUMMER SEMESTER

CALENDAR

FIRST EIGHT-WEEK TERM

June 8	M	Advising and registration of students in degree colleges
June 9	T	Counseling of University College students in the morning
June 9	T	Registration of University College students in the afternoon
June 10	W	Classes begin
June 20	S	Last day for filing application for diploma in August
July 27	M	Masters' theses due in the library
Aug. 1	S	First eight-week term closes

SECOND EIGHT-WEEK TERM

Aug. 3	M	Registration
Aug. 4	T	Classes begin
Aug. 8	S	Last day for filing application for diploma in September
Sept. 21	M	Masters' theses due in the library
Sept. 26	S	Second eight-week term closes

THREE-WEEK SESSION

Aug. 3	M	Registration
Aug. 17	M	Masters' theses due in the library
Aug. 22	S	Three-week session closes

OHIO UNIVERSITY AND THE WAR EFFORT

THE 1942 SUMMER SEMESTER

The "United States at War" provides the only theme necessary for every occupation in our present lives. From seeing the Nation's sons join the armed forces to saving essential materials and the limitations on consumption through priorities, the whole tenor of America and the allies is "Prepare!" and the Nation answers the call from every rural community, village, and city. The stake in the War is the democratic way of living and we must not fail.

Ohio University has been prompt to shape its program and direct its efforts to meet the needs of the present crisis. In addition to expanding already well-rounded peacetime offerings, it has coordinated its activities through the Federal Engineering, Science, Management Defense Training Program to reach all young men who wish this type of preparation; its R.O.T.C. unit has produced commissioned officers and well-trained non-commissioned officers and privates who have been accepted directly into the combat forces; special two-year war training curricula have been established; and courses designed to strengthen civilian morale and to contribute to general enlightenment have been added. Now, with the adoption of a new, year-round program, the university has mobilized its resources for continuous service during the period of the emergency. Thus Ohio University has strengthened its program to meet the needs not only of the critical period of the emergency, but of the equally important era of peace which will follow.

THE NEW, YEAR-ROUND PROGRAM

Beginning June 8, 1942, three full 16-week semesters will be offered each year. The Summer Semester of 1942 will open on June 8 and close on September 26; the Fall Semester will open on September 28 and close on January 23, 1943; while the Spring Semester will open on January 25 and close on May 15.

For the convenience of teachers and others not seeking the advantages of the accelerated program, the 1942 Summer Semester will be divided into two eight-week terms: June 8 to August 1 and August 3 to September 26.

Special provision also will be made this year for those persons who had planned to complete degree requirements during what would have been the post summer session under the summer school set-up which has been abandoned. A three-week session, August 3 to August 22, running concurrently with the first three weeks of the second summer term will therefore be offered. The maximum load for the three-week session will be three credit hours.

The university desires to emphasize that the interests of the usual summer students have not been neglected in the reorganization of the

educational program. Teachers and school administrators who have come to the campus during past summers for refresher courses or for work on advanced degrees will find increased rather than decreased offerings.

While in the past the school year has usually been regarded as starting in September, under the new plan the summer semester will be considered the initial period of the year. This semester, which will be comparable in scope and sequence of course offerings to the fall and spring semesters, will include beginning courses which will enable graduates of accredited high schools to enter upon their university courses immediately following June graduations.

The new, year-round program makes it possible for students to complete all requirements for the baccalaureate degree in three calendar years. This represents a special opportunity for those men who may be called to the service at 20 or 21 years of age.

Students will carry the usual 16-credit-hour load each semester. Permission to register for 18 credit hours will be granted to students whose high school or previous college records warrant the carrying of additional hours. The time allotted for the particular subject remains the same, and the requirements for graduation have not been altered.

SPECIAL WAR-TRAINING CURRICULA

The special two-year war training curricula are designed to prepare students for positions in industry and to fit them for specialized services in the armed forces. These curricula have been developed in the following fields: Accounting, Aerial Photography, Camouflage Techniques, Chemistry, Dramatics and Entertainment Direction, Electrical Engineering, Meteorology, Military Aviation, Physics, Production Control, Radio and Electronics, Recreational Direction, Secretarial Studies, and Speech Correction. Diplomas will be awarded upon satisfactory completion of any of these curricula. Minimum requirements for the two-year diploma are the completion of at least 64 semester hours with a point average of 2.000. Provision also has been made for the United States Navy's new V-1 plan for high school graduates.

Training will be offered in the Division of Military Science and Tactics during all three semesters. Enrollment in the Reserve Officers' Training Corps is voluntary, but those who complete the four years of military training are eligible, upon graduation, for commissions in the Officers' Reserve Corps of the United States Army.

Ohio University cooperates with the Civil Aeronautics Administration in offering a Civil Pilot Training program which consists of a ground school conducted at the university and a flight school conducted at the airport, two and one-half miles from the campus. All courses have specific requirements for admission and all require a course fee that is maintained at a minimum amount.

Offerings of the Summer Semester of 1942 are summarized on subsequent pages. The general catalog of the university containing complete details as to courses and regulations will be sent upon request.

Inquiries are invited and should be addressed to Dr. F. B. Dilley, Registrar and Director of Admissions, Ohio University, Athens, Ohio, or to the dean of the college concerned.

CONFERENCES AND SPECIAL EVENTS

FARM VISITORS' DAY—JUNE 18. The agriculture department of Ohio University will sponsor a "Visitors' Day" at the University Farm adjoining Hebbardsville, nine miles southwest of Athens on U. S. Route 50, on Thursday, June 18, at 9 a.m., weather and crop conditions permitting. The various crops growing on the farm and the dairy cattle, beef cattle, poultry, horse, and swine enterprises will be inspected. Practical methods of crop and livestock production in use on the farm will be discussed with those who attend.

COURSE FOR DEANS OF WOMEN AND ADVISERS OF GIRLS—JUNE 22-JULY 4.

The 1942 Summer Semester will offer a short, non-fee, non-credit course to deans of women and advisers of girls. The course, June 22-July 4, will be built around the needs and problems of counselors and advisers of women and girls and will strive to help those seeking to know more about the field of personnel before making a final decision to enter it. The course will consist of seminars, lectures, roundtables, conferences, and social hours. Four hours daily will be spent in organized class procedure. Trips to points of historical and geographical interest in southeastern Ohio will be made. The course will be under the direction of Dean Irma E. Voigt. Professors from the fields of philosophy, religion, education, psychology, sociology, and science will lecture and conduct discussions.

Pleasure and value will be derived from the housing arrangement by which the group will live together as a unit in the Alpha Xi Delta sorority home with Mrs. Mary Jane Hitchcock as hostess. Meals will be served in Howard Hall dining room one-half block away. The fee for room will be \$8, for board \$10, and for incidental expenses, including a mimeographed report of the course, \$5. Each person will be expected to furnish her own bed linen, bed covering, and towels. The course will be limited to 25 members.

All inquiries should be addressed to the Office of the Dean of Women, Ohio University, Athens, Ohio.

OUR CHILDREN IN A DEMOCRACY AT WAR—JUNE 30-JULY 1. A Conference sponsored by the departments of psychology and sociology and the College of Education, linked with regional, state, and national groups concerned with the conservation of child life in the present emergency, will be held on June 30 and July 1. Guest speakers: Dr. Willard Olson, the University of Michigan, and Mary Labaree, the Federal Children's Bureau. Fee, \$1 for off-campus visitors.

STATE DEPARTMENT OF EDUCATION OFFICIALS' CONFERENCE—JULY 1. The officials of the State of Ohio Department of Education will hold the usual annual educational conference throughout the day on Wednesday, July 1. The conference is for the benefit of students, public school administrators, teachers, and school board members in the 11 counties of southeastern Ohio. Meetings will be held in the seminar rooms of the Edwin Watts Chubb Library from nine o'clock in the morning until three o'clock in the afternoon.

The purpose is to make the chief officials representing the several divisions of the department available for consultation in one central meeting place in this area. Group discussions on specific subjects including educational finance, instruction, transportation, and certification are to be led by the director of education and his aides. In addition, the officers will be available for consultation with individual persons or local groups during both the morning and afternoon hours. An informal luncheon will be held at noon.

CONFERENCE ON CONSERVATION OF NATURAL RESOURCES—JULY 2-3. A two-day conference on the "Conservation of Natural Resources" and teaching problems in conservation will be held July 2 and 3. The department of geography and geology will sponsor the conference which will be in charge of Mr. O. L. Fink of the State of Ohio Department of Education, Conservation Division.

The conference will consist of lectures, demonstrations, and moving pictures. It will end with a field trip to Lake Hope, near Zaleski. The conference should be of great interest and value to students and teachers of botany, biology, zoology, agriculture, and geography, and to county agricultural agents.

OHIO EDUCATION ASSOCIATION—JULY 7-8. Representatives of the Ohio Education Association will be on the campus July 7-8 for informal discussions and conferences. Dr. Karl H. Berns and Mr. B. A. Stevens will represent the association.

HISTORY AND GOVERNMENT DEPARTMENTS' CONFERENCE—JULY 13-17. For the students in the summer semester and those in the community who may be interested, there will be the opportunity to participate in the third annual conference arranged by the departments of history and government. The conference will open on Monday, July 13, and continue through Friday, July 17. As in former years, participants in the conference will include noted visiting lecturers, members of the departments and others from the summer faculty. Each year it is the purpose of the conference to present a survey of world affairs. The general subject this year is "The World at War." Specialists in the several fields are scheduled to discuss such subjects as "Pan-American Solidarity," "Japan's New Order for Asia," "World Leadership of the United States," and other related subjects.

WORKSHOP IN ELEMENTARY EDUCATION INCLUDING PROGRESSIVE EDUCATION. Teachers who wish to work upon problems arising in their own school situations will have an opportunity to do so during the first summer term. A staff of specialists will work in close cooperation with individuals and

groups in their study of significant problems such as nutrition, school gardens, elementary science, and community cooperation. Group discussions, excursions, reports, creative work, and occasional opportunities for dining together will be arranged.

Interested persons should submit personal or group applications immediately. With permission, the "Workshop" may be substituted for certain required courses. For reservations, address the Dean of the College of Education, Ohio University, Athens, Ohio.

INDUSTRIAL ARTS LUNCHEON FORUMS. Weekly luncheon meetings during the summer semester again will be sponsored by Epsilon Pi Tau, the professional industrial arts fraternity. Plans for each meeting are varied to include the discussion of some significant problem arising from the relationship of industrial arts in education or the demonstration of new technical developments in materials and processes. Administrators, supervisors, teachers, and others interested in industrial arts are cordially invited to attend and to participate in the discussions.

The first meeting will be held at Howard Hall, June 17, at 12:45 p.m. Reservations should be made with the officers of the fraternity or members of the department by noon, June 16.

LABORATORY SCHOOLS. The university maintains school laboratory facilities at the University Elementary School in Rufus Putnam Hall, in the public elementary and high schools at The Plains, and at the senior high school in Athens. In addition to offering practice work required for teaching certification, opportunities are available for observation in typical classroom situations, for gathering data in research problems, and for the testing of children. The children of students are welcome to attend the schools during the first summer term. There is no tuition charge.

RECREATION AND ENTERTAINMENT. For the summer semester many interesting recreational and social activities are being arranged by departments of the university.

The Division of Physical Welfare offers an interesting program for both men and women. Every Friday night a free dance is held at the Men's Gymnasium, which is open to all students in attendance during the summer semester. Every Wednesday evening there will be square dancing and recreational activities at the Women's Gymnasium. The swimming pool will be open several afternoons each week for the women. There will also be recreational activities carried on under the supervision of the Women's Athletic Association. This program will consist of hikes, cook-out projects, trips to several points of interest, and use of the association's log cabin.



THE CENTURY-OLD McGUFFEY ELMS

GENERAL INFORMATION

ADMISSION TO THE UNIVERSITY

The university admits without examination all graduates of high schools in Ohio which are on the approved list of the State of Ohio Department of Education. A student who has completed 15 acceptable units with high grades in an accredited high school may be admitted upon the recommendation of the high school principal, even though he has not graduated from high school. A graduate of an out-of-state high school is admitted if the high school from which he is graduated is on the list of high schools approved by the board of education of that state and if he qualifies for admission to the state university of his own state. A resident of a state which does not support a state university of the same general scope and standards as Ohio University is admitted if he ranks in the upper two thirds of his graduating class.

SCHOLARSHIPS. Ohio University offers a limited number of scholarships, which consist of the remission of the general registration fee of \$40 a semester, to students with high scholastic records. These scholarships will be available for the summer semester on the same basis as for the fall and spring semesters. Applications should be filed as early as possible in the semester preceding the date when the student expects to register in the university. For scholarship information write to the dean of men or the dean of women.

CORRESPONDENCE. All correspondence pertaining to the admission of a student to the university should be addressed to the Registrar and Director of Admissions, Ohio University, Athens, Ohio. An application blank and all credentials for admission including a certificate of vaccination, should be presented to the registrar's office not later than one month preceding the opening of the semester in which the student begins his work. Full particulars regarding the registration of freshmen and the orientation program will be mailed to students following their acceptance for admission. The general catalog of the university, containing a description of courses, will be sent upon request.

TRANSFER STUDENTS—GRADUATE AND UNDERGRADUATE. A student who transfers from another college or university with the intention of continuing his work toward a degree offered by Ohio University must present an official transcript which includes a statement of graduation for the graduate student, and for the undergraduate student, a statement of honorable dismissal from the school last attended.

COLLEGE ABILITY TEST. An undergraduate student entering Ohio University for the first time is required to take the college ability test. A notice giving date, place, and hour of the test is sent to the student with his admission credentials.

REGISTRATION. Details concerning the registration procedure are given in the schedule of classes which may be obtained in the registrar's office.

LIVING ACCOMMODATIONS

The men's dormitory and one or more of the women's dormitories will be open for the accommodation of students during the summer semester. The charges for room rent are: men (double room), \$2.50 a week; women (double room), \$2.50 to \$3 a week. The charges for board are: men, \$5.50 a week; women, \$5. These rates for board will be maintained as long as possible. In the event of continued or excessive rises in food costs, however, the university reserves the right to adjust rates accordingly. The full charge for room and board for the semester is payable on or before the end of the first week of school. Applications for dormitory rooms should be filed with the dean of men or the dean of women. A \$5 retaining fee must accompany the application.

Rooms in private homes which have been inspected and approved are listed in the offices of the dean of men and the dean of women.

There are three cooperative housing units owned and operated by the university. These units house 140 men and have dining room facilities for approximately 255. A room in a cooperative unit rents for \$1.50 a week for each person. The cost of board, which will depend upon prevailing food prices, averaged \$3.40 a week during the past school year. The cooperative units are open only to those men who find it necessary to live on decidedly reduced incomes. Admission is based upon need and scholarship. Applications should be filed with the dean of men.

FEES AND EXPENSES

The general registration (tuition) fee is \$40 each semester for an Ohio resident or \$65 for a non-resident.* An athletic, lecture, and entertainment fee of \$5, a health fee of \$4, and a library fee of \$1 are charged each student.

For each eight-week term of the summer semester the fees for residents of Ohio are: general registration, \$20; athletic, lecture, and entertainment, \$2.50; health, \$2; and library, \$1. The registration fee for non-residents (except those from Massachusetts and New York) is \$32.50.

Students enrolled in the three-week session, August 3 to August 22, running concurrently with the first three weeks of the second summer term, will pay a course fee of \$5 per semester hour of credit.** The maximum load is three credit hours.

Students inducted into military service through the National Selective Service System, or who enlist, will receive a refund of the general registra-

*Students coming from states which do not have state universities similar in scope and standards to Ohio University pay a general registration fee of \$90 each semester session and \$45 during an eight-week term of the summer semester. These states are Massachusetts and New York.

**There is no general registration fee for residents of Ohio. A registration fee for non-residents (except those from Massachusetts and New York) will be charged at the rate of \$2 for the first credit hour and \$1.50 for each additional credit hour. Residents of Massachusetts and New York will pay a registration fee of \$4 for the first credit hour and \$3 for each additional credit hour. These registration fees are in addition to the course fee of \$5 per credit hour.

tion fee if no academic credit is earned or requested. If, however, a student receives full credit for the work of the session in which he withdraws from the university, no refund of fee will be made.

A student in attendance at Ohio University may expect to spend approximately \$174 each semester for the following items: general registration for a resident of Ohio, A.L.E., health, and library fees (\$50); rent of room, double (\$40); and board, average rate (\$84).

Fees are assessed at registration time and are payable at the treasurer's office. Registration fees for the summer terms are payable on the first two days of each term. There is an additional fee for late registration or the late payment of fees. In addition to the registration fees, there are some miscellaneous fees and occasional laboratory or breakage fees. These fees are nominal in amount, and will be found listed in the general catalog of the university.

UNIVERSITY ORGANIZATION

Ohio University comprises the University College, the College of Arts and Sciences, the College of Education, the College of Commerce, the College of Applied Science, the College of Fine Arts, the Graduate College, the Division of Physical Welfare, the Division of Military Science and Tactics, and the University Extension Division. The University College was established as an aid to freshmen in making the difficult adjustment from high school to college.

THE UNIVERSITY COLLEGE

The University College is that administrative division of the university in which all freshmen students are registered. Upperclass students and students transferring from other institutions are registered in this college when they are lacking in certain specified requirements. Also, the work of all special two-year course students is directed through the University College. The curricula include the new Navy V-1 program.

The requirements of the University College are designed to lay a solid foundation for that constructive program of professional study which the student expects to pursue in the four years of his stay in the university. The modern university, with its varied assortment of courses and its freedom from a prescribed and limited curriculum, imposes a heavy responsibility of choice upon the student. This responsibility comes at a time when the student may be uncertain as to what he wants to be and is unaware of how his choice of courses may affect his future. The experience of this freshman year under the friendly guidance of his faculty counselor helps the beginning student greatly in the matter of adjustment to university study. Parents and students alike attest to the value of this freshman division known as the University College.

For the purposes of program making, the first year in the university and the four years a student has spent in high school are considered a five-year unit. Such planning makes provision for that general background of experience necessary before professional study should be undertaken.

The University College counseling program and aid-to-study guidance insure satisfactory orientation for high school graduates by way of assistance in adjustment. R. O. T. C. work for men students is optional. Students entering upon such work, however, are required without exception to complete two years in this branch before graduation.

THE COLLEGE OF ARTS AND SCIENCES

During the national emergency, the College of Arts and Sciences will continue to offer the courses essential to a broad cultural education and those necessary in preprofessional and vocational preparation. Beginning with the summer semester, in which the accelerated, three-semester program of the university is adopted, almost the entire faculty in all departments will be available for instruction. In addition to the regular courses, new and re-adapted old courses in the physical and social sciences are being offered to meet the requirements of students in the war emergency.

Detailed information regarding the courses offered in archaeology, botany, chemistry, classical languages, English, geography and geology (including meteorology), German, government, history, mathematics, personal relations, philosophy, psychology, physics, Romance languages (French and Spanish), sociology, and zoology may be found elsewhere in this bulletin.

A student who registers in the College of Arts and Sciences may work for the degree of Bachelor of Arts or the degree of Bachelor of Science. In either case he has a considerable choice of subjects and a wide range of electives. In general, the distinction between the curricula for the two degrees lies in the fact that, in completing the requirements for the degree of Bachelor of Arts, the student is free to choose a major or minor from English, a foreign language and literature, one of the fine arts, a natural science, a social science, or mathematics, while the student who qualifies for the degree of Bachelor of Science is expected to complete 54 hours in the natural sciences and mathematics. Special curricula are provided for pre-medical, predental, nursing, and medical technology students, as well as for students in the Navy V-1, V-5, and V-7 programs, and for students preparing to enter industrial chemistry, government conservation work, law, and social service as a profession. Students in the other colleges are admitted to the courses on the same basis as are students in the College of Arts and Sciences.

THE COLLEGE OF EDUCATION

The College of Education is devoted to the education of men and women who intend to enter the fields of teaching and educational administration.

The degree of Bachelor of Science in Education is granted upon com-

pletion of curricula covering a course of four years with specialization in elementary education, in any of the academic fields for teaching in high schools, or in the special subjects of art, industrial arts, home economics, physical welfare, commerce, or music. A student may finish the four-year courses in less than three calendar years by accelerating his university program.

During the war emergency period, the College of Education will continue to offer three-year diploma courses for those who wish to become kindergarten-primary or intermediate grade teachers. Ninety semester hours and a scholastic average of 2.000 on total hours attempted, including the completion of specified courses, are required for the diploma. The appropriate four-year provisional certificate will be issued to the student to whom the three-year diploma has been granted. A student may begin one of these courses with the expectation of completing the three years of work in two calendar years if he attends the university for three semesters each year.

For specific requirements for degree and diploma courses see the general catalog of the university.

Opportunity will be offered for work in Observation and Participation and Student Teaching during the first eight-week term of the summer semester in kindergarten, all elementary grades, and some subjects in high school. A student should make his request early for a reservation. Address all inquiries to Dr. A. B. Sias, Director of Teacher Training, Ohio University, Athens, Ohio.

Teachers are needed. Some schools may be without teachers this fall and more schools will be without teachers in succeeding years if the war continues. A student may begin on June 8 to accelerate his program in preparation for teaching. He should be sure to select his subjects carefully and include in his schedule only required courses.

THE COLLEGE OF COMMERCE

The 1942 Summer Semester course offerings of the College of Commerce are sufficiently comprehensive to meet the needs of almost any student whether he be freshman, upperclassman, special student, degree student, or student in another college.

The College of Commerce offers curricula leading to the degrees of Bachelor of Science in Commerce, Bachelor of Science in Journalism, and Bachelor of Science in Secretarial Studies. All stress cultural background as well as professional specialization. They are flexible enough to permit the development of any individual's special interest which is approved by the college.

The curricula in commerce enable a student to stress one or more of several fields including accounting, advertising, banking, business law,

prelaw-school preparation, economics, finance, labor, management, marketing, public utilities, taxation, and statistics.

The curricula in journalism combine classroom courses with actual experience on the staff of a daily newspaper. Four of these curricula are general writing and editing, feature and magazine writing, advertising, and business management.

The main purpose of the curriculum in secretarial studies is to prepare secretaries for responsible positions in business and other institutions, and for civil service. However, a large number who take secretarial subjects are College of Education students minoring or majoring in the field of secretarial studies.

The College of Commerce cooperates with the College of Education and offers both teaching minors and majors. The teaching majors include book-keeping-social business, business education, economics, salesmanship-merchandising, and stenography-typewriting.

Ohio University is contributing to our national defense. As a part of its war effort and in response to urgent appeals from business and other institutions, from secondary schools, and from the Government, the department of secretarial studies has planned for the 1942 Summer Semester the most comprehensive schedule of courses it has ever offered in the summer. This schedule has unique features. One is a carefully coordinated and supervised "intensive program" which enables a student with no previous secretarial training to obtain a maximum amount of training in the first eight-week term of the summer semester. Other features will appeal to students who wish to take one or two courses or who wish to concentrate exclusively in this field.

More complete details about the College of Commerce, its course offerings, its curricula, its degrees, and its attention to the individual student's interest through its advisory system will be found in the general catalog of the university, a copy of which will be sent upon request. Inquiries about the College of Commerce may be addressed to the office of the dean.

THE COLLEGE OF APPLIED SCIENCE

The College of Applied Science is composed of the departments of agriculture, civil engineering, electrical engineering, and industrial arts, and the School of Home Economics, and offers the following degrees: Bachelor of Science in Agriculture, Bachelor of Science in Architectural Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Industrial Engineering, and Bachelor of Science in Home Economics. Each degree offers several options leading to a certain amount of specialization for students electing a more definite course of study.

Every effort is made by the college and its faculty to train the men and women required in the present emergency. Graduates are immediately

absorbed in positions, both civilian and military, which assist the war effort in the fields of instruction, production, and combat. Male graduates electing military positions are quickly directed toward commissions, through military short term courses, in the branch they elect. The baccalaureate degree, however, emphasizes fundamentals and not specialized fields so that the graduate may be employed in many diversified positions, either in the emergency or in peacetime.

Candidates for degrees in engineering who entered the university before September 1, 1940, will complete a minimum of 140 semester hours and 280 scholastic points; those who entered after September 1, 1940, a minimum of 140 semester hours with a point-hour ratio of 2.000 in all hours attempted. Candidates for degrees in home economics and agriculture, who entered prior to September 1, 1940, will meet the minimum requirements of 124 hours and 248 points, while those who entered after September 1, 1940, must complete a minimum of 124 hours with a point-hour ratio of 2.000 in all hours attempted.

The curricula in home economics are planned to equip students (1) for the efficient and successful participation in and administration of homes, (2) as home economists in social welfare agencies, (3) as dietitians, and (4) for various positions in the field of business.

The departments of agriculture and industrial arts offer courses which may be elected to complete majors or minors by students seeking degrees in other colleges. All courses offered in the College of Applied Science are open to students in the other colleges who have the required prerequisites.

THE COLLEGE OF FINE ARTS

Composed of three schools, the School of Music, the School of Painting and Allied Arts, and the School of Dramatic Art, the College of Fine Arts is designed to offer the student a liberal cultural education in the fine arts and a thorough preparation in one of the three specialized fields. The Bachelor of Fine Arts degree with emphasis in one of the three divisions is awarded to students who successfully complete the prescribed curriculum.

For the degree of Bachelor of Fine Arts, a minimum of 32 semester hours for a major in (a) music, (b) painting and allied arts, or (c) dramatic art, and a minor of from 12 to 16 semester hours in each of the other fields are required. Additional courses may be added to the major or minors to complete the minimum requirements for a teaching certificate.

Candidates for the degree who entered the university before September 1, 1940, are required to have 124 semester hours and 248 scholastic points; candidates who entered after September 1, 1940, are required to complete the general graduation requirements which include a minimum of 124 semester hours with a point-hour ratio of 2.000 in all hours attempted. These requirements include the program of the University College, and four semester hours of physical welfare or military science.

THE GRADUATE COLLEGE

The Graduate College makes provision for advanced study and research at the master's level to teachers and others interested in graduate work. The college shares in the quickened pace and enriched course offerings of the other colleges and divisions during the national emergency. Students registered in the college and those wishing to begin graduate work will find a large and varied list of courses scheduled for the 1942 Summer Semester. This is made possible by the fact that all of the colleges and divisions will, during the war emergency, have much larger staffs on duty for classroom and laboratory instruction in the summer semester than in past summers. Courses numbered 200 to 399, when approved by an adviser or the dean, carry graduate credit.

For the convenience of teachers and others who cannot remain for the entire 16 weeks, courses adapted to the interests and needs of such students are scheduled for the eight-week period ending on August 1. For students who wish to register for three or four additional hours, provision is made whereby such students may complete courses on an intensive basis (as in the former post session) by August 22 or August 29.

Students who hold a bachelor's degree from an accredited college or university are eligible for admission to the Graduate College. Applicants from some unaccredited institutions are admitted conditionally. Admission blanks may be obtained from the office of the registrar. Graduates from Ohio University need not file an official transcript of their undergraduate work. Upon being admitted to the college, a student confers with the dean who counsels with him regarding his plans for graduate study and arranges for faculty advisers in the major and minor fields.

The requirements for the master's degree include a minimum of 32 semester hours of approved work (including a thesis for which four to eight hours are allowed), and a minimum of 30 weeks of residence, unless credit has been transferred from another institution. In such cases a minimum of 24 weeks of residence is required. A maximum of eight semester hours may be transferred from approved institutions. Six semester hours of approved work may be taken in extension classes. The college confers the degrees of Master of Arts, Master of Science, Master of Education, and Master of Fine Arts.

THE DIVISION OF PHYSICAL WELFARE

The Division of Physical Welfare offers a program for graduate and undergraduate students who wish to major or minor in physical education, health and recreation. Students are trained to teach or supervise in the following fields: elementary and secondary schools, colleges, state departments of education, city, rural, and industrial recreation, summer camps and playgrounds. All of the facilities of the division are available for both men and women.

The division maintains two gymnasiums, one for men and the other for women, and offers facilities for expression in sports and hobby classes, rhythmic, and swimming. Tennis courts and athletic fields are available for summer school students. Each afternoon, except Saturday, the division offers a recreational hobby project designed to meet the interests and needs of students. Instruction is given to volunteer groups in the activities desired. Instruction is also given in social and square dancing. Students interested in these activities should consult a member of the staff of this division.

By fulfilling the requirements, students who wish to major in the Division of Physical Welfare may apply for the following degrees: Bachelor of Science, Bachelor of Arts, or Bachelor of Science in Education.

THE DIVISION OF MILITARY SCIENCE AND TACTICS

Commencing this summer and continuing for the duration of the war, work will be offered in the Division of Military Science and Tactics during the summer semester. The following explanation of military training at the university is included in the bulletin for the benefit of any beginning students and for the general information of all students at the university.

The Reserve Officers' Training Corps was established in the United States under the National Defense Act of June 4, 1920. The board of trustees at Ohio University in 1935 entered into an agreement with the Federal Government for the establishment of a voluntary R.O.T.C. unit. Under this agreement the university maintains an elective course in military training for men students who are physically qualified. Those who complete the first two years of military training and two additional years of five hours each semester are eligible for commission in the Officers' Reserve Corps of the United States Army. The first two years carry two hours of credit each semester and the last two years, three hours of credit each semester. The two-year course once entered upon becomes a prerequisite for graduation unless the student, for sufficient reason, is discharged from the obligation to complete it.

All necessary training equipment and the principal articles of the uniform are issued to basic course students by the Federal Government without cost. Articles so issued remain the property of the government and must be returned.

A personal equipment fee of \$2.50 is assessed at the beginning of the summer semester to cover incidental expenses.

Upon entering the advanced course the student receives a money allowance for uniforms which last year amounted to \$29 for the first year. Upon entering the second year he receives a uniform maintenance allowance which last year was \$7. In addition "commutation of rations" is paid the advanced student quarterly. Last year this amounted to \$23 each quarter.

THE UNIVERSITY EXTENSION DIVISION

The Extension Division offers two types of service whereby students may earn college credit while living at home—extension classes and correspondence study.

Extension classes are organized in any community within a reasonable distance of the university provided the required number of students can agree upon a course. The number of students required depends upon the distance from the campus. The instructor meets the class once a week.

The Extension Division will arrange a program of evening college classes at the freshman level in a community, provided the enrollment is large enough to justify the effort and provided the local board of education will apply for it and will agree to cooperate. It is possible for a student to earn sufficient credit at home under this program to enter Ohio University as a sophomore. Such a program of evening college classes is now in effect at Portsmouth and Zanesville.

Under certain conditions six semester hours of extension class credit can be applied toward the master's degree.

The correspondence division offers over 230 courses, taught by members of the regular faculty from over 30 departments. The courses appeal to persons who want to engage in systematic study during their spare time. Qualified students are accepted at any time.

In extension classes and in correspondence study, students may earn 40 semester hours of credit to apply toward a bachelor's degree.

The requirements for admission to the university with the exception of the college ability test, apply to students who register in the Extension Division for either class work or correspondence study.

In 1931, Ohio University was admitted to the National University Extension Association after a very careful inspection by a special committee. The National University Extension Association is made up of over 50 recognized colleges and universities that maintain divisions of university extension. It promotes standards by strict procedures for admission to membership.

Persons interested should write to the Extension Division, Ohio University, Athens, Ohio, for a special bulletin and other information.



A CAMPUS VIEW

COURSES OF INSTRUCTION

For the convenience of persons not seeking the advantages of the accelerated program, the 1942 Summer Semester will be divided into two eight-week terms: June 8 to August 1 and August 3 to September 26. All of the courses listed under these dates will be completed during the period indicated. A few courses will be offered which will be 16 weeks in length. These are grouped under an appropriate heading.

The normal academic load for an eight-week term is eight credit hours of work. Permission to register for an additional credit hour will be granted to students whose high school or previous college records warrant the carrying of the additional hour.

Contrary to the practice of previous summers, the university will operate on a five-day rather than a six-day basis. There will be no Saturday classes. Normally, a class carrying three hours of credit will meet daily (Saturday not included) for one hour; a class carrying two hours of credit, on Monday, Wednesday, and Friday; and a class carrying one hour of credit, on Tuesday and Thursday.

Class periods will be 60 minutes in length, with a ten-minute interval between each period. Classes will convene, therefore, at 7:00, 8:10, 9:20, 10:30, and 11:40. The last morning class will close at 12:40. In the following course listings, a two-hour (double) period, from 8:10 to 10:20 for example, will be indicated thus: 8:10, 9:20. Similarly, a three-hour period, meeting, for example, from 8:10 to 11:30, will be indicated as follows: 8:10, 9:20, 10:30. Exceptions to this schedule will be noted in the periods for a few afternoon classes.

AGRICULTURE

First Eight Weeks (June 8—Aug. 1)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
1	General Agriculture	3	7:00 daily	Wiggin
102	Vegetable Gardening	3	9:20 daily	Wiggin
115	Soils and Fertilizers	3	8:10 daily	Wiggin
116	Field Crops	3	7:00 daily	Henderson
124	General Dairying	3	8:10 daily	Henderson
127	Types, Breeds, and Management of Poultry	3	9:20 daily	Henderson
143	Genetics	3	10:30 daily	Henderson
222	Agricultural Problems	3-5	Arranged	Wiggin
395	Thesis	4	Arranged	Wiggin

Second Eight Weeks (Aug. 3—Sept. 26)

3	Forestry	2	7:00 daily	Wiggin
103	Fruit Growing	3	9:20 daily	Wiggin
104	Small Fruits	3	8:10 daily	Wiggin
111	Rural Economics	3	8:10 daily	Henderson
121	Types and Breeds of Farm Animals	3	9:20 daily	Henderson
135	Farm Management	3	10:30 daily	Henderson
222	Agricultural Problems	3-5	Arranged	Wiggin
395	Thesis	4	Arranged	Wiggin

ARCHAEOLOGY AND ANTIQUITIES

First Eight Weeks (June 8—Aug. 1)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
240	Special Work in Archaeology	2-8	Arranged	Hill
Ed. 250	History of Education	3	9:20 daily	Shoemaker
Gk. 55	Contributions of Greek Civilization	1	1:40 TTh	Hill
Gk. 211	Greek Drama in English	2	1:40 MWF	Jolliffe
Lat. 229	Development of Roman Culture	2	9:20 MWF	Hill

BOTANY

First Eight Weeks (June 8—Aug. 1)

1	Freshman Botany (Sec. I)	3	7:00 daily; 8:10 TTh	Vermillion
1	Freshman Botany (Sec. II)	3	1:40 daily; 2:50 TTh	Vermillion
2	Freshman Botany	3	9:20 daily; 10:30 TTh	Muegel
101	General Botany	3	11:40 daily; 10:30 MW	Muegel
134	Nature Study	3	8:10 daily; 9:20 TTh	Matheny
168b	Teaching of Botany	2	9:20 MWF	Matheny
204	Plant Ecology	3	10:30 daily; 11:40 TTh	Matheny
206	Plant Physiology	4	7:00, 8:10 daily	Muegel
222	Plant Pathology	3	9:20 daily; 10:30 TTh	Vermillion
281	Research in Botany	1-6	Arranged	The staff
391	Seminar in Botany	1-4	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

1	Freshman Botany	3	8:10 daily; 9:20 TTh	Bickle
107	Local Flora	3	8:10 daily; 9:20 TTh	Boetticher
207	Mycology	3	10:30 daily; 9:20 MW	Boetticher
212	Paleobotany	3	10:30 daily; 9:20 MW	Bickle
281	Research in Botany	1-6	Arranged	The staff
391	Seminar in Botany	1-4	Arranged	Bickle
395	Thesis	1-8	Arranged	The staff

CHEMISTRY

First Eight Weeks (June 8—Aug. 1)

1	General Chemistry	4	9:20 daily; 1:40, 2:50 TTh	Gullum
2	General Chemistry	4	10:30 daily; 1:40, 2:50 TTh	Clippinger
105	Qualitative Analysis	3	10:30 TTh; 12 hrs. lab. arr.	Gullum
106	Qualitative Analysis	3	2 hrs. lec., 12 hrs. lab. arr.	Gullum
109	Quantitative Analysis	4	8:10, 1:40, 2:50, 4:00 MWF	Clippinger
113	Organic Chemistry (short course)	3	9:20 daily	Morton
115	Organic Chemistry	3	10:30 daily	Dunlap
117	Organic Chemistry Laboratory	2	1:40, 2:50, 4:00 MWF	Dunlap
119	Organic Preparations	2	1:40, 2:50, 4:00 MWF	Dunlap
168s	Teaching of Chemistry and Laboratory Practice	2	8 hrs. arr.	Morton
209	Advanced Organic Chemistry	3	Arranged	Dunlap
213	Physical Chemistry	3	8:10 daily	Morton
251	Special Problems in Chemistry	2-4	Arranged	The staff
381	Research in Chemistry	2-3	Arranged	The staff
395	Thesis	1-4	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

2	General Chemistry	4	9:20 daily; 1:40, 2:50 TTh	Eblin, James
106	Qualitative Analysis	3	10:30 TTh; 12 hrs. lab. arr.	Eblin
110	Quantitative Analysis	4	8:10 MWF; 1:40, 2:50, 4:00 MWF	James
116	Organic Chemistry	3	10:30 daily	James
214	Physical Chemistry	3	8:10 daily	Eblin

Catalog Number	Title of Course	Credit Hours	Time	Instructor
251	Special Problems in Chemistry	2-4	Arranged	The staff
381	Research in Chemistry	2-3	Arranged	The staff
395	Thesis	1-4	Arranged	The staff

CIVIL AERONAUTICS

Sixteen Weeks (June 8—Sept. 26)

197	Controlled Elementary Flying	0	Arranged	Olson Flying Service
199	Controlled Elementary Ground School	3	Arranged	Dow, Wilsey

CIVIL ENGINEERING

First Eight Weeks (June 8—Aug. 1)

1	Mechanical Drawing	2	7:00 daily; two 8:10 periods	Clausen
2	Mechanical Drawing	2	7:00 daily; two 8:10 periods	Clausen
121	Applied Mechanics	3	8:10 daily	Wilsey
127	Testing Laboratory	1	10:30, 11:40 TTh	Wilsey
133	Structural Design	5	8:10, 9:20 daily	Gaylord
178	Engineering Economy	3	7:00 daily	Gaylord

Second Eight Weeks (Aug. 3—Sept. 26)

1	Mechanical Drawing	2	7:00 daily; two 8:10 periods	Thomas
2	Mechanical Drawing	2	11:40 TTh	Thomas
74	The Slide Rule	1	7:00 daily; two 8:10 periods	Thomas
105	Descriptive Geometry	3	10:30 daily; 11:40 MWF	Thomas
110	Plane Surveying	3	7:00 daily; 8:10, 9:20 TTh	Clark
113	Topographic Surveying	2	7:00, 8:10, 9:20 TTh	Clark
122	Applied Mechanics (Dynamics)	2	8:10 MWF	Wilsey
124	Strength of Materials	3	10:30 daily	Wilsey
141	Hydraulics	3	9:20 MWF; 10:30 daily	Clark

CLASSICAL LANGUAGES

Students who desire to fulfill special requirements or who have special problems are urged to contact the department in advance in order that adequate plans may be made for individual needs.

First Eight Weeks (June 8—Aug. 1)

GREEK

(No knowledge of Greek required for the following courses.)

55	Contributions of Greek Civilization	1	1:40 TTh	Hill
211	Greek Drama in English	2	1:40 MWF	Jolliffe

LATIN

165r	Teaching of Latin	2	Arranged	Hill
212	Caesar's Civil War	2	11:40 MWF	Jolliffe
220	Vergil—Latin Epic	3	10:30 daily	Hill
233	Advanced Latin Syntax	1	Arranged	Jolliffe
240	Special Work in Latin	1-8	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

(No knowledge of Latin required for the following courses.)

229	Development of Roman Culture	2	9:20 MWF	Hill
232	History of Language	2	8:10 MWF	Jolliffe

Second Eight Weeks (Aug. 3—Sept. 26)

GREEK

(No knowledge of Greek required for the following course.)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
127	Greek Words in English	2	11:40 MWF	Brokaw
LATIN				
222	Latin Dramatists	2	9:20 MWF	Brokaw
240	Special Work in Latin	1-8	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

(No knowledge of Latin required for the following course.)

227	Roman History in the Classical Period	1	1:40 TTh	Brokaw
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Sixteen Weeks (June 8—Sept. 26)

GREEK

1	Beginning Greek	4	Arranged	The staff
LATIN				
1	Beginning Latin	2 ^g -4	10:30 MTWTh	Jolliffe, Brokaw
3	Cicero's Orations	2 ^g -4	8:10 MTWTh	Hill, Brokaw
125	Cicero, Selected Works	2 ^g -3	8:10 MWF	Hill, Brokaw
240	Special Work in Latin	1-8	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

COMMERCE

First Eight Weeks (June 8—Aug. 1)

ACCOUNTING

75	Elementary Accounting	3	11:40 daily	Fenzel
75	Elementary Accounting*	3	7:00, 8:10 daily	Beckert
76	Elementary Accounting**	3	7:00, 8:10 daily	Beckert
125	Intermediate Accounting	3	9:20 daily	Fenzel
156	Constructive Accounting	3	7:00 daily	Otis
175	Cost Accounting	3	10:30 daily	Beckert
281	Research in Accounting	2-8	Arranged	The staff
391	Seminar in Accounting	2-10	Arranged	The staff
395	Thesis	4-8	Arranged	The staff

ADVERTISING

155	Advertising Principles	3	10:30 daily	Buchan
232	Copy Writing	2	9:20 MWF	Buchan
281	Research in Advertising	2-8	Arranged	Buchan

BUSINESS LAW

155	Business Law*	3	7:00, 8:10 daily	Hudson
156	Business Law**	3	7:00, 8:10 daily	Hudson
170s	Property Law	3	9:20 daily	Hudson
281	Research in Business Law	2-8	Arranged	Hudson

ECONOMICS

1	Economic Development of the U. S.	3	11:40 daily	Picard
3	Contemporary Economic Society	3	9:20 daily	Picard
15	Economic Geography	3	10:30 daily	Fenzel
101	Principles of Economics	3	11:40 daily	Gubitz

*If taken first eight weeks only.

Catalog Number	Title of Course	Credit Hours	Time	Instructor
101	Principles of Economics*	3	7:00, 8:10 daily	Poston
102	Principles of Economics**	3	7:00, 8:10 daily	Poston
145	Economic History of South America	3	11:40 daily	Poston
212	Administration of Personnel	3	10:30 daily	Gubitz
228	Economics of War	2	8:10 MWF	Picard
281	Research in Economics	2-8	Arranged	The staff
395	Thesis	4-8	Arranged	The staff

FINANCE

121	Business Finance	3	10:30 daily	Armbruster
281	Research in Finance	2-8	Arranged	Armbruster

JOURNALISM (See Journalism)

MANAGEMENT

211	Industrial Management (See: Ec. 3 and 212)	3	9:20 daily	Gubitz
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MARKETING

155	Marketing Principles	3	11:40 daily	Paynter
201	Retail Selling Policies	3	10:30 daily	Paynter
211	Recent Trends in Marketing and Selling	3	9:20 daily	Paynter
281	Research in Marketing	2-8	Arranged	Paynter

SECRETARIAL STUDIES

155s	Typewriting	3	7:00, 10:30 daily	Snook
16	Typewriting	2	10:30 daily; 2 hrs. arr.	Gilmore
31	Shorthand	3	11:40 daily	Gilmore
31	Shorthand*	3	8:10, 9:20, 11:40 daily	Snook
32	Shorthand**	3	8:10, 9:20, 11:40 daily	Snook
120	Business Letter Writing	3	11:40 daily	Lasher
151	Beginning Dictation and Transcription	3	8:10, 9:20 daily	Gilmore
161t	Teaching of Typewriting	2	11:40 MWF	Sponseller
175	Secretarial Practice	4	1 hr. daily; 6 hrs. arr.	Sponseller
180	Operation of Office Machinery	2	9:20 daily; 1 hr. arr.	Sponseller
237	Administration in Business Education	3-6	10:30 daily	Sponseller
287	Research in Business Teaching Problems	2-8	Arranged	The staff
395	Thesis	4-8	Arranged	The staff

STATISTICS

155	Business Statistics (lab. and lec.)*	3	7:00, 8:10 daily; 3 hrs. arr.	Adamson
156	Business Statistics (lab. and lec.) **	3	7:00, 8:10 daily, 3 hrs. arr.	Adamson
245	Forecasting	3	9:20 daily	Adamson
281	Research in Statistics	2-8	Arranged	Adamson
395	Thesis	4-8	Arranged	Adamson

*Offered first four weeks.

**Offered second four weeks.

Second Eight Weeks (Aug. 3—Sept. 26)

ACCOUNTING

Catalog Number	Title of Course	Credit Hours	Time	Instructor
76	Elementary Accounting	3	11:40 daily	Ray
224	Standard Costs and Budgets	3	9:20 daily	Ray
243	Income Tax	3	10:30 daily	Ray
281	Research in Accounting	2-8	Arranged	Ray
395	Thesis	4-8	Arranged	The staff

ADVERTISING

155	Advertising Principles	3	10:30 daily	Krauskopf
186	Retail Advertising	3	11:40 daily	Krauskopf
281	Research in Advertising	2-8	Arranged	Krauskopf

BUSINESS LAW

159	Business Law	3	7:00 daily	Dykstra
175s	Government and Business	3	8:10 daily	Dykstra
180	Military Law and Defense Legislation	3	10:30 daily	Dykstra
281	Research in Business Law	2-8	Arranged	Dykstra

ECONOMICS

1	Economic Development of the U. S.	3	9:20 daily	Hellebrandt
101	Principles of Economics*	3	7:00, 8:10 daily	Paden
102	Principles of Economics**	3	7:00, 8:10 daily	Paden
102	Principles of Economics	3	11:40 daily	Hellebrandt
205	Transportation	3	10:30 daily	Hellebrandt
227	Current Economic Problems	3	11:40 daily	Paden
281	Research in Economics	2-8	Arranged	The staff
395	Thesis	4-8	Arranged	The staff

FINANCE

101	Money and Credit	3	9:20 daily	Hanson
106	Banking Principles	3	10:30 daily	Hanson
121	Business Finance	3	8:10 daily	Armbruster
142s	Consumer Financing	3	11:40 daily	Hanson
281	Research in Finance	2-8	Arranged	The staff

MARKETING

176	Sales Management	2	9:20 MWF	Krauskopf
281	Research in Marketing	2-8	Arranged	Krauskopf

SECRETARIAL STUDIES

16	Typewriting	2	11:40 daily; 2 hrs. arr.	Miller
32	Shorthand	3	9:20 daily	Hardenburg
111	Typewriting	2	11:40 daily; 2 hrs. arr.	Hardenburg
152	Intermediate Dictation and Transcription	3	8:10, 9:20 daily	Miller
161s	Teaching of Shorthand	2	10:30 MWF	Miller
172	Secretarial Theory	2	10:30 daily	Hardenburg
287	Research in Business Teaching Problems	2-8	Arranged	The staff
395	Thesis	4-8	Arranged	The staff

*Offered first four weeks.

**Offered second four weeks.

EDUCATION

First Eight Weeks (June 8—Aug. 1)

ELEMENTARY EDUCATION

Catalog Number	Title of Course	Credit Hours	Time	Instructor
113	Educational Tests and Measurements	2	8:10 MWF	Dixon
211	Elementary Curriculum	3	1:40, 2:50 MW; 1:40 F	Allard
246b	Workshop—Elementary Education including Progressive Education	6-9	8:10, 9:20, 10:30 daily; 1:40, 2:50 TTh	Beechel, Goggans, Shane

HISTORY AND PHILOSOPHY

250	History of Education	3	9:20 daily	Shoemaker
255	Philosophy of Education (Sec. I)	3	10:30 daily	Shoemaker
255	Philosophy of Education (Sec. II)	3	11:40 daily	Shoemaker
256	Progressive Education	3	7:00 daily	Hampel

KINDERGARTEN-PRIMARY

1	Play and Play Materials	2	7:00 MWF	Hoyle
2	Literature for Early Childhood	3	10:30 daily	Quick
101	Activities for Early Childhood	3	7:00, 8:10 MWF	Allard
201	Kindergarten-Primary Curriculum	3	1:40, 2:50 MW; 1:40 F	Quick
204	Studies in Early Childhood Education	3	11:40 daily	Quick

RESEARCH AND SCIENTIFIC TECHNIQUES

284	Research	2-6	Arranged	The staff
287	Research in Business Teaching Problems	2-8	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

SCHOOL ADMINISTRATION AND SUPERVISION

141	Audio-Visual Education (Sec. I)	2	9:20, 10:30 TTh	Hampel
141	Audio-Visual Education (Sec. II)	2	1:40, 2:50 TTh	Hampel
143	School Library Administration	3	10:30 daily	Keating, Manson
240	School Administration (Sec. I)	3	8:10 daily	R. B. Smith
240	School Administration (Sec. II)	3	9:20 daily	McCracken
241	School Finance	3	8:10 daily	Sias
244	Problems in School Administration	3	10:30 daily	Dixon
246b	Workshop—Elementary Education including Progressive Education	6-9	8:10, 9:20, 10:30 daily; 1:40, 2:50 TTh	Beechel, Goggans, Shane
247a	Visiting Teacher	3	10:30 MTThF; Arranged	The staff
248	Guidance	2	11:40 MWF	Howard
249	Art Supervision and Curricula	2	1:40, 2:50 TTh	Leonard
250h	Special Problems in Teaching of Home Economics	3	Arranged	Patterson

SECONDARY EDUCATION

130	Principles of Secondary Education	3	9:20 daily	Hansen
230	High School Administration	3	8:10 daily	Howard
232	High School Curriculum	2	10:30 MWF	Benz
237	Administration in Business Education	3-6	10:30 MWF	Sponseller

OBSERVATION AND PARTICIPATION

171	Observation and Participation—Kindergarten-Primary	2	Daily	Sias
175	Observation and Participation—Intermediate Grades	2	Daily	Sias
180	Observation and Participation—High School	2	Daily	Sias
182	Observation and Participation—Special Subjects	2	Daily	Sias and departmental supervisors

STUDENT TEACHING

Catalog Number	Title of Course	Credit Hours	Time	Instructor
172	Student Teaching—Kindergarten-Primary	3	Daily	Sias
173	Student Teaching—Kindergarten-Primary	2	Daily	Sias
174	Student Teaching—Kindergarten-Primary, Advanced	2-4	Daily	Sias
176	Student Teaching—Intermediate Grades	3	Daily	Sias
177	Student Teaching—Intermediate Grades, Advanced	2-4	Daily	Sias
178	Student Teaching—Special Education	3	Daily	Sias
181	Student Teaching—High School	3	Daily	Sias
183	Student Teaching—Special Subjects	2-4	Daily	Sias and departmental supervisors

Students enrolling for student teaching must be approved in speech by the School of Dramatic Art. Students who expect to enroll for student teaching at any time in the future should present themselves for speech approval within the first two weeks of the summer semester.

TEACHING TECHNIQUES

Botany

168b	Teaching of Botany	2	9:20 MWF	Matheny
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Chemistry

168s	Teaching of Chemistry and Laboratory Practice	2	8 hrs. arr.	Morton
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Commerce

161t	Teaching of Typewriting	2	11:40 MWF	Sponseller
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Dramatic Art

162h	Teaching of High School Dramatics	2	9:20 MWF	Dawes
162s	Teaching Speech in the Grades	2	10:30 MWF	Page

Elementary Education

163b	Teaching of Reading in Intermediate Grades	2	11:40 MWF	Hampel
163g	Teaching of Arithmetic in Intermediate Grades	3	7:00 daily	R. B. Smith
164g	Teaching of Language Arts	2	9:20 MWF	Allard

English

164a	Teaching of English in Senior High School	2	11:40 MWF	Wray
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History

169h	Teaching History and Civics in Junior and Senior High School	2	7:00 MWF	E. B. Smith
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Journalism

164j	Teaching of High School Journalism	2	10:30 MWF	Lasher
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Latin

165r	Teaching of Latin	2	Arranged	Hill
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Mathematics

168m	Teaching of Mathematics	3	11:40 daily	Starcher
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Music

Catalog Number	Title of Course	Credit Hours	Time	Instructor
166e	Teaching Music in Elementary Grades	2	11:40 MWF	Maaser
166f	Teaching Music in First Six Grades	3	10:30 daily	Danielson
166s	Teaching Class Stringed Instruments	1	1:40 MWF	Thackrey

Painting and Allied Arts

160c	Teaching of Design for Early Childhood	1	7:00, 8:10 TTh	Leonard
160g	Teaching of Design for Intermediate and Higher Grades	1	10:30 TTh	Leonard

Physical Welfare

167b	Teaching of Coaching	2	9:20 MWF	Wilson
167e	Coaching of Basketball	2	1:40, 2:50, 4:00 TTh	Trautwein
167f	Coaching of Football	2	1:40, 2:50 MWF	Peden
167p	Teaching of Physical Welfare	1	10:30 TTh	Rhoads
167n	Teaching of Rhythmic Activities	1	2:50 MTWTh	Marting

Physics

168p	Teaching of Physics	2	10:30 MWF	Roseberry
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Zoology

168z	Teaching of Zoology	2	1:40 MWF	Stehr
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Second Eight Weeks (Aug. 3—Sept. 26)**ELEMENTARY EDUCATION**

3	Orientation in Childhood Education	3	9:20 daily	Nelson
211	Elementary Curriculum	3	8:10 daily	Nelson

KINDERGARTEN-PRIMARY EDUCATION

1	Play and Play Materials	2	8:10 MWF	Wilson
2	Literature for Early Childhood	3	7:00 daily	Wilson

RESEARCH AND SCIENTIFIC TECHNIQUES

281	Educational Statistics	3	8:10 daily	Morton
284	Research in Education	2-3	Arranged	The staff
287	Research in Business Teaching Problems	2-8	Arranged	The staff
395	Thesis	2-3	Arranged	The staff

SCHOOL ADMINISTRATION AND SUPERVISION

141	Audio-Visual Education	2	10:30 MWF	Nelson
240	School Administration	3	10:30 daily	McCracken

SECONDARY EDUCATION

130	Principles of Secondary Education	3	9:20 daily	Hansen
131	Educational Tests and Measurements	2	8:10 MWF	Benz
230	High School Administration	3	9:20 daily	Morton

TEACHING TECHNIQUES**Commerce**

161s	Teaching of Shorthand	2	10:30 MWF	Miller
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Dramatic Art

162x	Teaching of Speech in High School	2	9:20 MWF	Staats
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Elementary Education

163b	Teaching of Reading in Intermediate Grades	2	8:10 MWF	Dunham
163g	Teaching of Arithmetic in Intermediate Grades	3	7:00 daily	Benz
164g	Teaching of Language Arts in the Grades	2	9:20 MWF	Dunham

Home Economics

Catalog Number	Title of Course	Credit Hours	Time	Instructor
168h	Teaching of Home Economics	3	9:20 daily	Patterson
Music				
166e	Teaching Music in Elementary Grades	2	9:20 MWF	Blayney
166j	Teaching Music in Junior and Senior High School	3	Arranged	Blayney
Physical Welfare				
167d	Coaching of Baseball	1	9:20 TTh	Peden
167e	Coaching of Basketball	2	11:40 TTh	Trautwein
167f	Coaching of Football	2	10:30 MWF	Peden
167h	Teaching of Health	2	11:40 MWF	Trepp
167o	Teaching of Rhythmic Activities	1	2:50 MTWTh	Hatcher
167p	Teaching of Physical Welfare	1	10:30 TTh	House
167s	Teaching of Swimming	2	2:50 MWF	Kellner

ELECTRICAL ENGINEERING

First Eight Weeks (June 8—Aug. 1)

229	Engineering Thermodynamics	3	9:20 daily	Lausche
243	Electrical Engineering	4	8:10, 9:20 MWF	MacKichan
245	Electrical Engineering Laboratory (Sec. I)	2	8:10, 9:20, 10:30 TTh	MacKichan
245	Electrical Engineering Laboratory (Sec. II)	2	1:40, 2:50, 4:00 TTh	MacKichan
291	Studies in Electrical Engineering	1	11:40 TTh	Young

Second Eight Weeks (Aug. 3—Sept. 26)

143	Electrical Engineering	4	9:20 daily; 10:30 TTH	McClure
145	Dynamo and Measurements Laboratory	3	1:40, 2:50 daily	McClure
149	Electrical Measurements Theory	2	10:30 MWF	McClure
203	Communication Engineering	4	8:10 daily	Green
	Communication Engineering Laboratory		1:40, 2:50, 4:00 M	Green
	Communication Engineering Laboratory		9:20, 10:30, 11:40 T; 10:30 Th	Green
248	Electrical Designs	3	9:20 MWThF	Green
271	Engineering Electronics	3	10:30 MWF	Green
	Engineering Electronics Laboratory		1:40, 2:50, 4:00 W	Green

ENGLISH

First Eight Weeks (June 8—Aug. 1)

1	English Composition	3	9:20 daily	Harrison
3	English Composition (Sec. I)	3	7:00 daily	McQuiston
3	English Composition (Sec. II)	3	9:20 daily	Lash
3	English Composition (Sec. III)	3	10:30 daily	Heidler
3	English Composition (Sec. IV)	3	1:40 daily	Kirchner
4	English Composition (Sec. I)	3	8:10 daily	
4	English Composition (Sec. II)	3	9:20 daily	Peckham
101	Sophomore English Literature	3	11:40 daily	
102	Sophomore English Literature (Sec. I)	3	7:00 daily	Lash
102	Sophomore English Literature (Sec. II)	3	8:10 daily	Wray
111	Chief American Writers (Sec. I)	3	8:10 daily	Peckham
111	Chief American Writers (Sec. II)	3	9:20 daily	Kirchner
111	Chief American Writers (Sec. III)	3	10:30 daily	Kirchner
112	Chief American Writers (Sec. I)	3	8:10 daily	Harrison
112	Chief American Writers (Sec. II)	3	9:20 daily	Heidler
114	Engineering English	2	10:30 MWF	Harrison
150	The Short Story	2	9:20 MWF	McQuiston
164a	Teaching of English in Senior High School	2	11:40 MWF	Wray

Catalog Number	Title of Course	Credit Hours	Time	Instructor
202	Shakespeare	3	10:30 daily	McQuiston
214	American Prose Fiction	3	1:40 daily	Heidler
224	Continental Novel	2	8:10 MWF	Lash
236	Modern Drama in English	2	11:40 MWF	Peckham
258	Middle English	3	9:20 daily	Wray
301	Problems in English	1-3	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

2	English Composition	3	7:00 daily	Davidson
3	English Composition	3	9:20 daily	Hall
4	English Composition (Sec. I)	3	8:10 daily	Mackinnon
4	English Composition (Sec. II)	3	9:20 daily	Davidson
4	English Composition (Sec. III)	3	10:30 daily	Kendall
4	English Composition (Sec. IV)	3	11:40 daily	Hall
102	Sophomore English Literature	3	10:30 daily	Davidson
111	Chief American Writers	3	7:00 daily	Foster
112	Chief American Writers	3	9:20 daily	Caskey
135	The Bible as Literature	2	10:30 MWF	Foster
151	Shakespeare	3	8:10 daily	Kendall
216	18th Century Literature	2	1:40 MWF	Caskey
250	Books of the Season	2	11:40 MWF	Mackinnon
301	Problems in English	1-3	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

FINE ARTS

DRAMATIC ART

First Eight Weeks (June 8—Aug. 1)

3	Public Speaking (Sec. I)	2	8:10 MWF	Staats
3	Public Speaking (Sec. II)	2	10:30 MWF	Staats
15	Voice and Diction (Sec. I)	2	7:00 MWF	Staats
15	Voice and Diction (Sec. II)	2	9:20 MWF	Dawes
15	Voice and Diction (Sec. III)	2	11:40 MWF	Batcheller
17	Introduction to the Fine Arts	2	9:20 MWF	Seigfried
34	Oral Interpretation of Literature	2	11:40 MWF	Dawes
47	Theatre Laboratory	1	Arranged	Dawes
106	Costuming the Play	2	1:40 TTh; 4 hrs. arr.	Batcheller
110	Parliamentary Law	1	10:30 TTh	Staats
124	Mechanical Speech Aids	3	10:30 MWF; 4 hrs. arr.	Batcheller
147	Theatre Laboratory	1-2	Arranged	Dawes
149	Principles of Acting	3	1:40 MW; 2:50, 4:00 MWF	Batcheller
162h	Teaching of High School Dramatics	2	10:30 MWF	Dawes
162s	Teaching of Speech in Grades	2	10:30 MWF	Wilson
195	Principles of Speech Correction	3	9:20 MWF	Batcheller
250	Play Direction	3	10:30 TTh; 2:50, 4:00 MWF	Dawes
381	Research in Theatre Practice	1-6	Arranged	Dawes
391	Seminar in Speech	2-3	Arranged	Staats
395	Thesis	4-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

3	Public Speaking	2	9:20 MWF	Jukes
12	Advanced Public Speaking	2	11:40 MWF	Page
15	Voice and Diction (Sec. I)	2	8:10 MWF	Page
15	Voice and Diction (Sec. II)	2	10:30 MWF	Page
18	Introduction to the Fine Arts	2	9:20 MWF	Seigfried
21	Elements of Stage Scenery	3	1:40 TTh; 6 hrs. arr.	Jukes
34	Oral Interpretation of Literature	2	11:40 MWF	Page

Number Catalog	Title of Course	Hours Credit	Time	Instructor
47	Theatre Laboratory	1	Arranged	Dawes
110	Parliamentary Law	1	1:40 M	Pagel
125	Radio Play Production	3	11:40 MWF; 4 hrs. arr.	Jukes
147	Theatre Laboratory	1-2	Arranged	Dawes
150	Advanced Acting Technique	3	1:40 MW; 2:50, 4:00 MWF	Dawes
162x	Teaching of Speech in High School	2	9:20 MWF	Pagel
225	Problems in Speech Correction	3	10:30 MWF; 4 hrs. arr.	Jukes
251	Play Direction	3	1:40 MW; 2:50, 4:00 MWF	Dawes
381	Research in Theatre Practice	2-6	Arranged	Dawes
395	Thesis	4-8	Arranged	The staff

Sixteen Weeks (June 8—Sept. 26)

17	Introduction to the Fine Arts	2	9:20 TTh	Seigfred
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MUSIC

First Eight Weeks (June 8—Aug. 1)

1	Music Literature and Appreciation	2	1:40 MTThF	Danielson
2	Music Fundamentals	2	8:10 MTThF	Morley
3	Ear Training	1	10:30 MWF	Maaser
7	Music Appreciation	1	2:50 MW	Peterson
11	Music History	2	8:10 MWF	Peterson
17	Introduction to the Fine Arts	2	9:20 MWF	Seigfred
23	Sight Singing	1	10:30 TTh; 1:40 W	Maaser
103	Ear Training and Sight Singing	2	8:10 daily; 1:40 M	Maaser
105	Harmony	2	9:20 MTThF	Kinney
111	Harmony	2	2:50 MTThF	Kinney
113	Analysis and Form	2	9:20 MWF	Robinson
115	Counterpoint	2	10:30 MTThF	Fontaine
125	Music Appreciation for Grade Teachers	2	9:20 MWF	Maaser
131	Materials and Systems	2	9:20 MWF	Danielson
133	Instrumentation	2	11:40 MWF	Janssen
166e	Teaching of Music in Elementary Grades	2	11:40 MWF	Maaser
166f	Teaching of Music in First 6 Grades	3	10:30 daily	Danielson
166s	Teaching of Class Stringed Instruments	1	1:40 MWF	Thackrey
173	Conducting	1	8:10 MWF	Danielson
212	Music History	2	Arranged	Peterson
213	Orchestration	2	Arranged	Kinney
264	Practical Acoustics	2	Arranged	Thackrey
284	Research in Music	2	Arranged	Fontaine
333	Piano	1	Arranged	Fontaine
361	Problems in Supervision	2	Arranged	Danielson
395	Thesis	1-8	Arranged	The staff
	Percussion	1/2-1	Arranged	Janssen
	Piano	1/2-1	Arranged	Board, Fontaine, Longstreet
	Ensemble	1	Arranged	The staff
	Stringed Instruments	1/2-1	Arranged	Kinney
	Voice	1/2-1	Arranged	Robinson, Peterson
	Wind Instruments (Brass)	1/2-1	Arranged	Janssen

Second Eight Weeks (Aug. 3—Sept. 26)

1	Music Literature and Appreciation	2	1:40 MTThF	Blayney
2	Music Fundamentals	2	8:10 MTThF	Blayney
4	Ear Training	1	10:30 MWF	Blayney
7	Music Appreciation	1	2:50 MW	Benedict
12	Music History	2	8:10 MWF	Benedict
18	Introduction to the Fine Arts	2	9:20 MWF	Seigfred
24	Sight Singing	1	10:30 TTh; 1 hr. arr.	Blayney
106	Harmony	2	9:20 MTThF	Kresge

Catalog Number	Title of Course	Credit Hours	Time	Instructor
112	Harmony	2	11:40 MTTThF	Kresge
114	Analysis and Form	2	9:20 MWF	Robinson
139	Evolution of the Opera	2	10:30 MWF	Roach
166e	Teaching of Music in Elementary Grades	2	9:20 MWF	Blayne
166j	Teaching of Music in Junior and Senior High School	3	Arranged	Blayne
	Piano	1/2-1	Arranged	Clare, Kresge
	Voice	1/2-1	Arranged	Roach, Robinson, Benedict
	Violin	1	Arranged	Ingerham
	Wind Instruments (Wood)	1/2-1	Arranged	Witzler
395	Thesis	1-8	Arranged	The staff

Sixteen Weeks (June 8—Sept. 26)

17	Introduction to the Fine Arts	2	9:20 TTh	Seigfried
	Military Band	1	2:50 MW	Thackrey, Witzler
	University Band	1	4:00 MW	Janssen, Witzler
	University Glee Club, Men	1	4:00 MTh	Peterson, Robinson
	University Glee Club, Women	1	4:00 MTh	Robinson, Benedict
	University Orchestra	1	4:00 TTh	Kinney, Ingerham

PAINTING AND ALLIED ARTS**First Eight Weeks (June 8—Aug. 1)**

3	The Arts for Elementary Teachers	2	7:00, 8:10 MWF	Bedford
9	Fundamentals of Design	2	1:40, 2:50 TTh	Bedford
17	Introduction to the Fine Arts	2	9:20 MWF	Seigfried
55	Elementary Architectural Problems	3	9:20 TTh; 9:20, 10:30, 11:40 MWF	Larick
77	Elementary Photography	2	8:10 TTh; Arranged	Larick
103	Practical Design	2	1:40, 2:50 MWF	Bedford
125	Arts in Everyday Life	2	9:20 MWF	Bedford
127	Workshop in the Space Arts	1-6	Arranged	The staff
155	Architectural Problems	5	8:10 MWF; 9:20, 10:30, 11:40 daily	Larick
157	Appreciation of the Space Arts	1	9:20 TTh	Bedford
160e	Teaching of Design for Early Childhood	1	7:00, 8:10 TTh	Leonard
160g	Teaching of Design for Intermediate and Higher Grades	1	10:30 TTh	Leonard
181	Architectural Methods of Construction	3	7:00 daily	Larick
186	Residential Architecture	2-5	9:20 MWF; 8:10, 10:30, 11:40 daily	Larick
203	Italian Renaissance Painting	3	2:50 daily	Mitchell
205	Painting	3	Arranged	Mitchell
241	Advanced Painting	3	Arranged	Mitchell
249	Art Supervision and Curricula	2	1:40, 2:50 TTh	Leonard
331	Pictorial Composition	3	Arranged	Mitchell
393	Seminar in Painting	1-5	Arranged	The staff
395	Thesis	4-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

9	Fundamentals of Design	2	8:10, 9:20 TTh	Work
11	Theory of Design	3	10:30, 11:40 daily	Work
18	Introduction to the Fine Arts	2	9:20 MWF	Seigfried
76	The Depth Problem	3	2:50, 4:00 daily	Mitchell
101	Design and Composition	2	8:10, 9:20 MWF	Willis
105	Applied Design	2	10:30, 11:40 MWF	Willis
118	Water Color	2	1:40, 2:50 MWF	Work
123	Jewelry	2	7:00, 8:10, 9:20 TTh	Willis
125	Arts in Everyday Life	2	1:40 MWF	Way
147	Principles of the Space Arts in Advertising	2	8:10, 9:20 MWF	Work

Catalog Number	Title of Course	Credit Hours	Time	Instructor
157	Appreciation of the Space Arts	1	11:40 TTh	Way
206	Painting	3	Arranged	Mitchell
225	Advanced Jewelry	2	7:00, 8:10, 9:20 TTh	Willis
242	Advanced Painting	3	Arranged	Mitchell
391	Seminar in Design	1-5	Arranged	The staff
393	Seminar in Painting	1-5	Arranged	The staff
395	Thesis	4-8	Arranged	The staff

Sixteen Weeks (June 8—Sept. 26)

17	Introduction to the Fine Arts	2	9:20 TTh	Seigfred
75	Representation	3	9:20, 10:30 daily	Mitchell
127	Workshop in the Space Arts	1-6	Arranged	Mitchell, The staff
205	Painting	3	Arranged	Mitchell
241	Advanced Painting	3	Arranged	Mitchell
257	Landscape Painting	3	Arranged	Mitchell
281	Research in Design	1-5	Arranged	The staff
331	Pictorial Composition	3	Arranged	Mitchell
391	Seminar in Design	1-5	Arranged	The staff
393	Seminar in Painting	1-5	Arranged	The staff

GEOGRAPHY AND GEOLOGY**First Eight Weeks (June 8—Aug. 1)****GEOLOGY**

1	Elementary Geology	3	11:40 daily ; 2 hrs. arr. ; field trips	Meyer
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GEOGRAPHY

102	Geography of North America	3	10:30 daily	Cooper
131	Geography of Ohio	2	11:40 MWF	Cooper
132	Conservation of Natural Resources	3	9:20 daily	Meyer
150	Geography and Environment	3	8:10 daily	Cooper
175	Elementary Meteorology	3	8:10 daily ; 2 hrs. arr.	Meyer
210	Political Geography	3	Arranged	The staff
280	Research in Geography	1-4	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)**GEOLOGY**

2	Elementary Geology	3	8:10 daily ; 2 hrs. arr. ; field trips	Dow
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GEOGRAPHY

108	Geography of Europe	3	11:40 daily	Dow
176	Aeronautical Meteorology	3	10:30 daily ; 2 hrs. arr.	Dow
280	Research in Geography	1-4	Arranged	Dow

GERMAN**First Eight Weeks (June 8—Aug. 1)**

1s	Beginning German	3	8:10 daily	Krauss
2s	Beginning German	3	9:20 daily	Hess
100	Intermediate German	3	9:20 daily	Krauss
105	Scientific German	2	10:30 MWF	Hess
107	Military German	2	11:40 MWF	The staff
213	Classical German Drama	3	8:10 daily	Hess
221	Contemporary German Short Story	2	3 hrs. arr.	Krauss

Second Eight Weeks (Aug. 3—Sept. 26)

1s	Beginning German	3	9:20 daily	Mueller
2s	Beginning German	3	8:10 daily	Mueller
101s	Intermediate German	3	10:30 daily	Mueller
107	Military German	2	11:40 MWF	Mueller



CUTLER TOWER—A LAND MARK

GOVERNMENT

First Eight Weeks (June 8—Aug. 1)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
2	American Government	3	8:10 daily	E. B. Smith
105	Current Political and Social Problems	2	10:30 MWF	E. B. Smith
217	Contemporary International Politics	2	8:10 MWF	Morrison
301	Problems in Government	1-3	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

1	American Government	3	7:00 daily	Volwiler
395	Thesis	1-8	Arranged	Volwiler

HISTORY

First Eight Weeks (June 8—Aug. 1)

1	Survey of European Civilization	3	8:10 daily	Eckles
111	United States since 1865	3	9:20 daily	Hoover
142	Latin American History	3	10:30 daily	Whitehouse
169h	Teaching of History and Civics in Junior and Senior High School	2	7:00 MWF	E. B. Smith
206	English History since 1815	2	9:20 MWF	Eckles
213	Europe in the 20th Century	3	10:30 daily	Eckles
236	Revolutionary Era	3	10:30 daily	Hoover
253	The United States, 1850-1877	3	11:40 daily	Morrison
254	United States since 1900	3	9:20 daily	Morrison
298	Problems in History	1-3	Arranged	Hoover
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

2	Survey of European Civilization	3	8:10 daily	Volwiler
71	Issues of the Present War	1	8:10 TTh	Martin, et al.
110	United States to 1865	3	9:20 daily	Field
142	Latin American History	3	10:30 daily	
395	Thesis	1-8	Arranged	The staff

HOME ECONOMICS

First Eight Weeks (June 8—Aug. 1)

1	Clothing Selection and Construction	3	8:10, 9:20 MTThF; 9:20 W	Lagerstrom
55	Household Arts for the Elementary School	2	11:40 MF; 10:30, 11:40 W	Lagerstrom
105	Household Equipment	3	1:30 daily; 2:40 TTh	Steininger
200	Problems in Home Economics	1-8	Arranged	The staff
227	Quantity Cookery	3	10:30 MWF; 10:30, 11:40 TTh	Harger
228	Recent Developments in Foods and Nutrition	3	11:40 daily	Steininger
248	Institutional Management	3	9:20 daily	Harger
251	Home Management	2	8:10 MWF	Justin, Snyder
253	Home Management Laboratory	2	Arranged	Harger, Lagerstrom
272	Child Development	2	7:00 TTh; 2 hrs. observation in Nursery School between 8:00 and 11:00	Snyder
273	Family Relationships	3	9:20 daily	Justin
351	Special Problems in Home Economics	2-8	Arranged	The staff
377	Special Problems in Family Relationships	2-6	Arranged	Justin
395	Thesis	4-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
21	Foods and Nutrition	3	10:30, 11:40 MWF; 10:30 TTh	Patterson
51	Orientation in Home Economics	2	11:40 MWF	Steininger
110	Textiles	3	9:20 daily; 2 hrs. arr.	Morse
131	Home Planning	3	8:10 MWF; 7:00, 8:10 TTh	Patterson
168h	Teaching of Home Economics	3	9:20 daily	Patterson
200	Problems in Home Economics	1-8	Arranged	The staff
212	Creative Textile Problems	2-4	Arranged	Morse
216	Clothing Design and Construction	3	10:30, 11:40 daily	Morse
225	Dietetics	3	8:10 MW; 9:20 daily	Steininger
351	Special Problems in Home Economics	2-8	Arranged	The staff
395	Thesis	4-8	Arranged	The staff

INDUSTRIAL ARTS

First Eight Weeks (June 8—Aug. 1)

1	Woodworking I	3	1:40, 2:50 daily	Paige
2	Woodworking II	3	1:40, 2:50 daily	Paige
6	Woodworking III	2	1:40, 2:50 MWF	Paige
7	Metals I—Sheet Metal	3	7:00, 8:10 daily	Paige
8	Orientation in Industrial Arts	1	10:30, 11:40 TTh	Clausen
9	Craft and Hobby Work	2	10:30, 11:40 MWF	Paige
109	Woodworking IV	3	1:40, 2:50 daily	Paige
110	Woodworking V	3	1:40, 2:50 daily	Paige
117	Shop and Machine Maintenance	2	Arranged	Paige
122	Elementary Industrial Arts	1	10:30, 11:40 TTh	Paige
124	Metals II—Machine Shop	2	10:30, 11:40 MWF	Clausen
128	Metals IV—Advanced Machine Shop	3	1:40, 2:50, 3:00 MWF	Clausen
209	Practicum in General Shop	2	10:30, 11:40 MWF	Paige
228	Special Problems in Industrial Arts	3	Arranged	The staff
350	Advanced Wood, Metal, or Printing	3	Arranged	The staff
381	Research in Industrial Arts	3-6	7:00 daily	Clausen
391	Seminar in Industrial Arts Education	1-3	9:20 daily	Paige
395	Thesis	4-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

11	Graphic Arts I	3	9:20, 10:30 daily	Kinison
121	Pattern Making, Forge, and Foundry	2	7:00, 8:10 MWF	Kinison
141	Graphic Arts II	3	9:20, 10:30 daily	Kinison
142	Graphic Arts III	3	9:20, 10:30 daily	Kinison
145	Printing and Printing Processes	1	9:20, 10:30 TTh	Kinison
147	Graphic Arts IV	3	9:20, 10:30 daily	Kinison
228	Special Problems in Industrial Arts	3	Arranged	Kinison
350	Advanced Wood, Metal, or Printing	3	Arranged	Kinison
381	Research in Industrial Arts	3-6	Arranged	Kinison
395	Thesis	4-8	Arranged	Kinison

JOURNALISM

First Eight Weeks (June 8—Aug. 1)

103	News Writing	2	9:20 MWF	Lasher
110	Writing for Publication	2	8:10 MWF	Kelly
111	Reporting Practice	2-6	Arranged	Smiley
121	Editing Practice	2-6	Arranged	Harris
164j	Teaching of High School Journalism	2	10:30 MWF	Lasher
201	Advanced Reporting	2	Arranged	Lasher, Smiley
247	Newspaper Advertising and Layout	3	11:40 daily	Buchan
Advt. 155	Advertising Principles	3	10:30 daily	Buchan
Advt. 232	Copy Writing	2	9:20 MWF	Buchan

Second Eight Weeks (Aug. 3—Sept. 26)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
107	Newspaper Reporting	3	11:40 daily	Ray
111	Reporting Practice	2-6	Arranged	Smiley
117	Newspaper Editing	3	10:30 daily	Ray
121	Editing Practice	2-6	Arranged	Harris
130	Book Reviewing	2	11:40 MWF	Lasher
146	Newspaper Make-Up	1	1:40 to 4:40 T	Ray
147	Newspaper and Advertising Typography	1	1:40 to 4:40 Th	Ray
201	Advanced Reporting	2	Arranged	Lasher, Smiley
207	Reporting of Public Affairs	2	9:20 MWF	Lasher
225	The Editorial Page	3	10:30 daily	Lasher
P.A.A. 147	Principles of the Space Arts in Advertising	2	8:10, 9:20 MWF	Work

MATHEMATICS

First Eight Weeks (June 8—Aug. 1)

4	Solid Geometry	3	10:30 daily	Osgood
5	Freshman Mathematics	5	8:10 MWF; 9:20 daily	Marquis
117	Differential Calculus	4	8:10 TTh; 9:20 daily	Starcher
168m	Teaching of Mathematics	3	11:40 daily	Starcher
215	Differential Equations	3	11:40 daily	Marquis
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

14	Descriptive Astronomy	3	10:30 daily	Reed
118	Integral Calculus	4	8:10 daily; 9:20 TTh	Reed
395	Thesis	1-8	Arranged	The staff

Sixteen Weeks (June 8—Sept. 26)

3	Plane Geometry	4	10:30 TWThF	Miller, Denbow
5	Freshman Mathematics	5	8:10 TWThF	Miller, Denbow
6	Freshman Mathematics	5	7:00 TWThF	Miller, Denbow
395	Thesis	1-8	Arranged	The staff

MILITARY SCIENCE AND TACTICS

Sixteen Weeks (June 8—Sept. 26)

1	Basic Infantry	2	2:50 daily	Garn
3	Military Band	1	2:50 MW	Thackrey, Witzler
101	Basic Infantry	2	2:50 daily	Snyder
121	Advanced Infantry	3	1:40 daily*	Golden
151	Advanced Infantry	3	1:40 daily*	Churchill

PERSONAL RELATIONS

Second Eight Weeks (Aug. 3—Sept. 26)

201	Marriage	3	11:40 daily	Patrick
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PHILOSOPHY

First Eight Weeks (June 8—Aug. 1)

105	Brief Introduction to Philosophy	2	9:20 MWF	Gamertsfelder
107	World's Great Religions	2	8:10 MWF	Houf
111	Business and Professional Ethics	2	11:40 MWF	Houf

*Students in Mil. Sci. 121 and 151 will be required to attend Basic Infantry for one hour per week additional instruction.

Catalog Number	Title of Course	Credit Hours	Time	Instructor
210	Minor Studies in Philosophy	1-6	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

71	Issues of the Present War	1	8:10 TTh	Martin, et al.
103	Introduction to Philosophy	3	9:20 daily	Gamertsfelder
117	Social and Political Philosophy	3	11:40 daily	Martin
210	Minor Studies in Philosophy	1-6	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

Sixteen Weeks (June 8—Sept. 26)

81	Problems of Religion	1	9:20 T	Houf, Martin
85	Principles of Reasoning	2	10:30 TTh	Houf, Martin
87	Elementary Ethics	3	9:20 MWF	Houf, Martin
395	Thesis	1-8	Arranged	The staff

PHYSICAL WELFARE**First Eight Weeks (June 8—Aug. 1)****MEN**

1	Physical Fitness (Sec. I)	1	8:10 MTWTh	Olson
1	Physical Fitness (Sec. II)	1	10:30 MTWTh	Olson
6	Physical Activities	1	9:20 MTWTh	Rhoads
9	Adapted Activities	1	Arranged	Bird
101	Physical Fitness (Sec. I)	1	9:20 MTWTh	Olson
101	Physical Fitness (Sec. II)	1	11:40 MTWTh	Olson
121	Physical Activities	2	8:10 daily	Rhoads
123	Physical Activities	1	11:40 MTWTh	Herbert
127	First Aid	2	10:30 MWF	Herbert
167e	Coaching of Basketball	2	1:40 MWF	Trautwein
167f	Coaching of Football	2	2:50 MWF	Peden
171	Physical Activities	1	8:10 MTWTh	Nessley

MEN AND WOMEN

30	Introduction to Physical Welfare	1	11:40 TTh	Nessley
35	Social and Country Dancing	1	2:50 MTWTh	Marting
133	Theory of Adapted Activities	2	8:10 MWF	Keyser
167p	Teaching of Physical Welfare	1	10:30 TTh	Rhoads
175	Civilian Defense	2	9:20 MWF	Bird
206	Organization and Administration of Physical Welfare	2	8:10 MWF	Bird
249	Community Recreation	2	11:40 MWF	Nessley
391	Seminar in Physical Welfare	3	7:00, 8:00, 9:00 p. m. TTh	Bird
395	Thesis	1-8	Arranged	The staff

WOMEN

1	Tennis	1	10:30 MTWTh	Marting
1	Badminton	1	11:40 MTWTh	Keyser
2	Tennis	1	11:40 MTWTh	Marting
3	Beginning Swimming (Sec. I)	1	10:30 MTWTh	Wilson
3	Beginning Swimming (Sec. II)	1	11:40 MTWTh	Wilson
4	Intermediate Swimming	1	2:50 MTWTh	Wilson
9	Adapted Activities	1	2:50 MTWTh	Keyser
27	Fundamental Rhythms	1	1:40 MTWTh	Marting
127	First Aid	2	7:00 MWF	Keyser
167b	Teaching of Coaching	2	9:20 MWF	Wilson
167n	Teaching of Rhythmic Activities	1	2:50 MTWTh	Marting

HEALTH

Catalog Number	Title of Course	Credit Hours	Time	Instructor
22	Personal and Public Health	3	9:00 daily	Nessley
135	Maternal and Child Health	3	10:30 daily	Druggan
141	Prevention of Disease	2	9:20 MWF	Druggan
151	Principles of Health	3	11:40 daily	Druggan
352	Physical Diagnosis	2	Arranged	Rose

Second Eight Weeks (Aug. 3—Sept. 26)

MEN

2	Physical Fitness (Sec. I)	1	8:10 MTWTh	House
2	Physical Fitness (Sec. II)	1	9:20 MTWTh	Crane
2	Physical Fitness (Sec. III)	1	11:40 MTWTh	Crane
10	Adapted Activities	1	Arranged	Bird
102	Physical Fitness (Sec. I)	1	10:30 MTWTh	Wise
102	Physical Fitness (Sec. II)	1	11:40 MTWTh	Wise
122	Physical Activities	2	8:10 daily	Trepp
124	Physical Activities	1	8:10 MTWTh	Herbert
127	First Aid	2	9:20 MWF	Herbert
167d	Coaching of Baseball	1	9:20 TTh	Peden
167e	Coaching of Basketball	2	11:40 TTh	Trautwein
167f	Coaching of Football	2	10:30 MWF	Peden

MEN AND WOMEN

18	Life Saving Methods	1	4:00 MTWTh	Kellner
35	Social and Country Dancing	1	2:50 MTWTh	Hatcher
127	First Aid	2	10:30 MWF	LaTourrette
150	Community Recreation	2	1:40 MWF	LaTourrette
153	Nature and Function of Play	2	9:20 MWF	House
167p	Teaching of Physical Welfare	1	10:30 TTh	House
205	History of Physical Education	2	10:30 MWF	Hatcher
206	Organization and Administration of Physical Welfare	2	9:20 MWF	Bird

WOMEN

1	Badminton	1	11:40 MTWTh	Hatcher
2	Tennis	1	11:40 MTWTh	LaTourrette
2	Badminton	1	4:00 MTWTh	Hatcher
3	Beginning Swimming (Sec. I)	1	10:30 MTWTh	Kellner
3	Beginning Swimming (Sec. II)	1	2:50 MTWTh	Kellner
4	Intermediate Swimming	1	11:40 MTWTh	Kellner
114	Camp Craft	1	4:00 MTWTh	LaTourrette
142	Camping Methods	2	4:00 MWF	LaTourrette
167o	Teaching of Rhythmic Activities	1	2:50 MTWTh	Hatcher
167s	Teaching of Swimming	2	2:50 MWF	Kellner

HEALTH

22	Personal and Public Health	3	9:20 daily	Trepp
152	Kinesiology	3	10:30 daily	Trepp
167h	Teaching of Health	2	11:40 MWF	Trepp

PHYSICS

First Eight Weeks (June 8—Aug. 1)

1	Physical World	3	7:00 MWF; lab., 8:10, 9:20 TTh	Edwards
5	Introduction to Physics	4	8:10 daily; lab., 1:40, 2:50 MW	Roseberry
6	Introduction to Physics	4	9:20 daily; lab., 1:40, 2:50 MW	Edwards
168p	Teaching of Physics	2	10:30 MWF	Roseberry
214	Modern Spectroscopy	3	11:40 daily	Roseberry
225	Advanced Physics Laboratory	1-3	Arranged	Edwards
391	Seminar in Physics	1	Arranged	The staff
395	Thesis	1-6	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

Catalog Number	Title of Course	Credit Hours	Time	Instructor
113	General Physics	4	9:20 daily; lab., 7:00, 8:10 TTh	Bundy
226	Advanced Physics Laboratory	1-3	Arranged	Bundy
311	Advanced Atomic Structure	3	Arranged	Bundy
391	Seminar in Physics	1	Arranged	The staff
395	Thesis	1-6	Arranged	The staff

PSYCHOLOGY

First Eight Weeks (June 8—Aug. 1)

1	General Psychology (Sec. I)	3	9:20 daily	Paulsen
1	General Psychology (Sec. II)	3	8:10 daily	Scott
3	Child Psychology	3	7:00 daily	Porter
5	Educational Psychology (Sec. I)	3	9:20 daily	Gentry
5	Educational Psychology (Sec. II)	3	8:10 daily	Gentry
9	How to Study	1	1:40 MT	Gentry
116	Psychology of Individual Differences	2	10:30 MWF	Gentry
137	Military Psychology and Morale	2	9:20 MWF	Porter and staff
203	Mental Measurements	3	1:40 MTTh; 2 hrs. lab. arr.	Paulsen
210	Mental Hygiene	3	10:30 daily	Scott
215	Social Psychology	3	8:10 daily	Paulsen
217	Psychology of Personality	3	11:40 daily	Scott
220	Personnel and Vocational Counseling	2	11:40 MWF	Porter
225	Minor Problems in Psychology	1-6	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

1	General Psychology (Sec I)	3	8:10 daily	Anderson
1	General Psychology (Sec. II)	3	9:20 daily	Patrick
5	Educational Psychology (Sec. I)	3	9:20 daily	Lehman
5	Educational Psychology (Sec. II)	3	8:10 daily	Lehman
116	Psychology of Individual Differences	2	10:30 MWF	Lehman
201	Marriage	3	11:40 daily	Patrick
203	Mental Measurements	3	9:20 MTTh; 2 hrs. lab. arr.	Anderson
210	Mental Hygiene	3	10:30 daily	Patrick
395	Thesis	1-8	Arranged	The staff

ROMANCE LANGUAGES

First Eight Weeks (June 8—Aug. 1)

FRENCH

1s	Beginning French	3	7:00 daily	Renkenberger
1s-2s	Beginning French	6	8:10, 9:20 daily	Leete
100	Intermediate French	3	10:30 daily	Leete
211	17th Century Drama	1-3	9:20 TTh	Renkenberger
271	Advanced French	1-2	10:30 M and arr.	Renkenberger
395	Thesis	1-8	Arranged	The staff

SPANISH

1s	Beginning Spanish	3	7:00 daily	Leete
1s-2s	Beginning Spanish	6	8:10, 9:20 daily	Whitehouse
100	Intermediate Spanish	3	8:10 daily	Renkenberger
105	Spanish for Government Service	2	9:20 MWF	Renkenberger
208	Cervantes	1-3	11:40 MTTh	Whitehouse
271	Advanced Spanish	1-2	11:40 WF	Whitehouse
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

FRENCH

Catalog Number	Title of Course	Credit Hours	Time	Instructor
1s	Beginning French	3	7:00 daily	Wilkinson
2s	Beginning French	3	7:00 daily	Rice
102s	Intermediate French	3	10:30 daily	Wilkinson
123	French Conversation	2	10:30 MWF	Rice
201	Survey of French Literature	3	9:20 daily	Wilkinson
271	Advanced French	1-3	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

SPANISH

1s	Beginning Spanish	3	8:10 daily	Rice
2s	Beginning Spanish	3	8:10 daily	Ondis
102s	Intermediate Spanish	3	7:00 daily	Ondis
141	Commercial Spanish	2-4*	10:30 daily	Ondis
205	Spanish Drama	3	9:20 daily	Ondis
395	Thesis	1-8	Arranged	The staff

ROMANCE PHILOLOGY

1	Pronunciation of Romance Languages	1	1:40 TTh	Wilkinson
321	Old French	2	11:40 MTThF	The staff
395	Thesis	1-8	Arranged	The staff

SOCIOLOGY

First Eight Weeks (June 8—Aug. 1)

1	General Sociology	3	11:40 daily	Oberdorfer
101	Principles of Sociology	3	8:10 daily	Jeddeloh
103	Social Change and Social Problems	3	8:10 daily	Shannon
107	Educational Sociology	3	9:20 daily	Jeddeloh
110	Psychological Factors in Society	3	9:20 daily	Oberdorfer
208	Marriage and the Family	3	9:20 daily	Shannon
222	Juvenile Delinquency	3	11:40 daily	Jeddeloh
236	Propaganda	3	8:10 daily	Oberdorfer
239	Introduction to Case Work	2	10:30 MWF and arranged	Shannon
240	Advanced Case Work	2	10:30 MWF and arranged	Shannon
241	Juvenile Court Services	2	p.m. arranged	Shannon
242	Juvenile Court Services	2	p.m. arranged	Shannon
247a	Visiting Teacher	3	10:30 MTThF and arranged	The staff
253	Institutional Social Service	5	Arranged	Jeddeloh
381	Research Problems in Sociology	2-3	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

1	General Sociology	3	8:10 daily	Taylor
208	Marriage and the Family	3	9:20 daily	Taylor
381	Research Problems in Sociology	2-3	Arranged	The staff
395	Thesis	1-8	Arranged	The staff

ZOOLOGY

First Eight Weeks (June 8—Aug. 1)

3	General Zoology	3	10:30, 11:40 MTThF	Stehr
4	General Zoology	3	7:00, 8:10 MTThF	Stehr
103	Readings in Biology	1	W. a.m. arranged	Frey
112	Comparative Vertebrate Anatomy	4	1:40, 2:50 daily	Elliott

*Two credit hours for first 4 weeks; 2 credit hours for second 4 weeks; 4 credit hours for the 8 weeks. The course is continuous.

Catalog Number	Title of Course	Credit Hours	Time	Instructor
125	Elements of Physiology	4	8:10, 9:20 daily	Rowles
145	Clinical Technic	2-3	Arranged	Frey
168z	Teaching of Zoology	2	1:40 MWF	Stehr
202	Vertebrate Embryology	4	9:20, 10:30, 11:40 daily	Elliott
209	Biological Chemistry	4	10:30, 11:40 daily	Rowles
211	General Bacteriology	4	10:30, 11:40 daily	Frey
234	Aquatic Management	3	p.m. arranged	Roach
243	Biological Studies a, b, c, e, g, i, j	1-2	Arranged	The staff
383	Minor Research in Biology	2-4	Arranged	The staff
385	Research in Biology	2-4	Arranged	The staff

Second Eight Weeks (Aug. 3—Sept. 26)

4	General Zoology	3	10:30, 11:40 MTThF	Krecker
103	Readings in Biology	1	W a.m. arranged	Krecker
107	Principles of Heredity	3	8:10 daily	Krecker
115	Elements of Anatomy	3	10:30, 11:40 MTThF	Gier
125	Elements of Physiology	4	7:00, 8:10 daily	Gier
133	Animal Microtechnic	3	9:20 W; 8 hrs. a.m. arr.	Gier
243	Biological Studies a, d, e, f, h, j	1-2	Arranged	The staff
383	Minor Research in Biology	2-4	Arranged	The staff
385	Research in Biology	2-4	Arranged	The staff

Sixteen Weeks (June 8—Sept. 26)

25	Field Sanitation	2	9:20 TTh	Frey, Gier, Stehr, Krecker
103	Readings in Biology	1	W a.m. arranged	Frey, Krecker

THE THREE-WEEK SESSION

The following courses will be available during the three-week session, August 3 to August 22, which will run concurrently with the first three weeks of the second summer term. This special session has been arranged for the benefit of those persons who had planned to complete degree requirements in what has hitherto been known as the post summer session, of equal length, which has been abandoned in the new accelerated program.

The maximum load for the three-week session will be three credit hours. Students may register in both the second eight-week term and the three-week session, but they may not carry more than the total number of credit hours allowed in an eight-week term.

BOTANY

2	Freshman Botany	3	1:40 to 4:40 daily	Bickle
102	General Botany	3	1:40 to 4:40 daily	Boetticher

CLASSICAL LANGUAGES**LATIN**

240	Special Work in Latin	1-3	Arranged	Brokaw
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EDUCATION

Catalog Number	Title of Course	Credit Hours	Time	Instructor
2	Literature for Early Childhood	3	9:20, 10:30 daily	Wilson
160m	Teaching of Industrial Arts	3	Arranged	Kinison
163g	Teaching of Arithmetic in Intermediate Grades	3	10:30, 11:40 daily	Dunham
232	The High School Curriculum	2	9:20, 10:30 daily	Benz
240	School Administration	3	10:30, 11:40 daily	Morton
255	Philosophy of Education	3	9:20, 10:30 daily	H. B. Smith
284	Research in Education	2-3	Arranged	The staff

ENGLISH

102	Sophomore English Literature	3	Arranged	Kendall
111	Chief American Writers	3	Arranged	Hall
112	Chief American Writers	3	Arranged	Caskey
213	English Prose Fiction	3	Arranged	Mackinnon
226	American Literature	3	Arranged	Foster

FINE ARTS

PAINTING AND ALLIED ARTS

3	Arts for Elementary Teachers	2	8:10, 9:20 daily	Way
160g	Teaching of Design for Intermediate and Higher Grades	1	10:30 daily	Way
281	Research in Design	1-5	Arranged	Mitchell

HISTORY

245	Imperialism and World Politics	3	9:20, 10:30, 11:40 daily	Volwiler
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PSYCHOLOGY

203	Mental Measurements	3	1:40 daily ; 2 hrs. lab. arr.	Anderson
225	Minor Problems in Psychology	1-6	Arranged	The staff

SOCIOLOGY

103	Social Change and Social Problems	3	10:30, 11:40 daily and arranged	Taylor
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